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# CLIMATOLOGICAL DATA

KENTUCKY

MAR 17 1953

JANUARY 1953  
Volume XLVIII No. 1



CHATTANOOGA: 1953

NATL  
HIST

O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Some of the features of the weather conditions during the month were the large number of warm days, the small percentage of possible sunshine, the large average amount of cloudiness, and the near normal precipitation. Extremes of temperature both high and low were well within previous records. Precipitation was frequent but amounts were generally not too heavy with the State average .07 of an inch above the monthly mean. Snowfall was somewhat below the average with the heavier falls occurring during the first week. Winter storms were absent. Weather conditions were generally unfavorable for farm activities at the beginning of the month but with the arrival of mild days some progress was made.

The month began with near normal temperatures but by the 4th, cold weather had set in and it remained cold until the 8th. A short period of mild weather then set in, which was followed by below normal readings on the 12th. Most locations reported their lowest temperature for the month prior to or on the 12th. Minimum temperatures ranged from 17° to 24° in the western section generally on the 12th; 9° to 25° in the central division on the 4th or 6th; and 8° to 26° in the eastern division generally on the 5th or 6th. From the 13th to the end of the month, temperatures were mild every day with the exception of one or two days. The warmest period of the month was from the 13th through the 16th with daily departures ranging as high as 23° above normal. All stations recorded their highest temperature for the month on the 15th or 16th. Maximum temperatures ranged from 63° to 70° throughout the State. The mean temperature for the State was 41.3° which is 5.2° above normal making this one of the ten warmest Januarys on record. The monthly mean temperature ranged from 44.6° at Scottsville to 36.4° at Covington WB Airport. The highest temperature for the month was 70° at Murray on the 15th and Wolf Creek Dam on the 16th; the lowest was 8° at Farmers on the 6th.

Precipitation was slightly above nor-

mal and was distributed rather equally in time and place. Rain or snow of varying intensities was recorded from one section or another on 25 days with measurable precipitation reported on 19 days. During the first 11 days, considerable cloudiness and frequent precipitation was the general rule. Most of the snow falling during the month occurred during this period. The next three days were dry and from the 14th to the end of the month, almost daily rains were again recorded. Total amounts were about equal throughout the State with the exception of the southeastern area which showed somewhat larger falls with amounts ranging from 5 to 7 inches. The rest of the State reported amounts generally between 3 and 5 inches. While precipitation amounts were generally not too heavy, it was adequate for water supply and kept soils moist to wet. The average precipitation for the State was 4.65 inches which is 0.07 inch above normal. The total amounts recorded at the various locations ranged from 7.07 inches at Burkesville to 2.72 inches at Greensburg Highway 61. The heaviest rainfall reported in any one day was 2.00 inches at Willow, Lock 13, on the 7th. The monthly average of snowfall was 3.1 inches which is 0.8 inch below normal. The greatest monthly amount of snowfall was 12.5 inches at Benham. The greatest depth on the ground was 6 inches at McKee 1 SE on the 7th.

Weather conditions, especially the numerous days with rain, kept outdoor farm activities to a minimum. However, other activities and crop growth showed good progress. In the first half of the month, the principal activities were stripping and hauling to market of tobacco, stock care, and the usual winter routine. In the second half, stripping and marketing of tobacco decreased with some markets closing. Preparation and burning tobacco seed beds were beginning. Some plowing was taking place in better drained locations. Grains and pastures showed some growth and were in good condition for the season. Stock feeding was moderate with feed short in many areas. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
JANUARY 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over			Total
LEXINGTON WB AP	SSE	21	15.4	-	-	-	81	82	72	77	4	5	9	3	0	0	21	-	8.7
LOUISVILLE WB AP	S	16	10.2	42	S	15	81	82	73	76	8	1	5	3	0	0	17	20	8.7

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	38.0	65	13	3.52	-	-	1914	39.4	78	5	2.31	1.0	6	1939	40.4	74	11	5.56	2.1	11
1890	44.0	77	10	6.43	-	-	1915	33.0	65	0	5.03	7.0	13	1940	21.1	61	-20	1.67	8.6	10
1891	37.0	68	14	5.40	-	-	1916	41.2	78	-5	7.27	3.7	14	1941	36.7	66	0	2.53	0.2	9
1892	29.0	65	-6	2.72	-	-	1917	36.7	74	-17	6.38	12.0	12	1942	32.7	70	-23	2.93	4.7	8
1893	26.0	67	-22	2.08	-	-	1918	20.6	62	-20	5.09	23.3	14	1943	37.9	82	-1	1.54	6.8	7
1894	38.0	78	-12	2.91	-	-	1919	37.9	68	-1	3.62	1.6	7	1944	37.7	75	0	1.60	1.5	6
1895	30.0	78	-16	5.71	-	11	1920	33.4	72	-6	6.75	0.7	10	1945	31.8	60	-3	4.05	4.9	12
1896	36.1	74	-3	1.25	-	6	1921	39.7	71	12	3.06	4.0	10	1946	36.9	76	-1	4.02	1.7	11
1897	32.0	75	-16	3.25	4.2	8	1922	34.6	67	1	2.25	1.1	8	1947	40.3	74	3	6.04	2.2	13
1898	40.4	72	6	8.76	1.4	12	1923	41.0	68	11	6.11	7	12	1948	26.8	72	-21	3.18	12.3	11
1899	34.4	68	-18	6.23	8.5	11	1924	31.3	66	-8	5.05	1.2	9	1949	43.0	80	4	6.86	2.2	16
1900	37.2	77	-8	2.80	0.9	8	1925	35.8	66	-9	2.60	4.1	10	1950	45.4	80	12	12.82	0.1	
1901	36.7	75	4	1.85	0.8	7	1926	34.4	69	-11	4.01	7.1	10	1951	37.8	76	-2	7.54	5.4	
1902	33.7	70	5	5.14	2.3	7	1927	35.8	76	-3	6.33	2.2	12	1952	41.7	80	2	5.36	0.8	
1903	34.8	82	-9	2.50	2.8	9	1928	35.0	76	-8	2.47	1.9	8							
1904	32.3	70	-9	3.17	2.5	10	1929	34.8	76	-6	4.54	1.8	13	1953	41.3	70	8	4.65	3.1	
1905	27.5	70	-15	2.83	12.8	11	1930	34.6	75	-20	4.85	3.8	13							
1906	39.7	80	-9	3.48	3.1	8	1931	37.7	72	-9	1.23	2.3	6							
1907	43.2	83	-11	8.02	4.8	14	1932	44.9	80	14	8.13	0.2	14							
1908	35.0	62	7	2.20	1.1	8	1933	43.9	74	10	5.18	0.1	12							
1909	38.3	77	-8	3.47	5.7	9	1934	40.4	72	-3	1.85	0.2	8							
1910	33.8	70	-20	4.41	11.0	10	1935	37.3	71	-2	5.28	3.4	9							
1911	39.7	73	-16	2.88	4.4	11	1936	29.4	68	-25	2.99	6.2	11							
1912	25.9	61	-20	3.09	11.7	8	1937	43.6	76	13	15.77	2.0	17							
1913	42.5	78	13	11.41	1.4	14	1938	35.9	72	-4	3.56	1.6	9							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.



## CLIMATOLOGICAL DATA

KENTUCKY  
JANUARY 1953

TABLE 2

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total <sup>1</sup>	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										32° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More	
WESTERN DIVISION																								
BEAVER OAM	51.4	33.2	42.3	6.0	66	15	21	12	699	0	1	17	0	4.84	-.66	.87	17	.5	0		13	5	0	
FORDS FERRY OAM 50	49.1	33.5	41.3		67	15	22	12+	727	0	0	17	0	3.99	-.57	1.30	8	T	T	6	14	2	2	
GREENVILLE 2 W	52.1	32.7	42.4	6.3	67	15	19	12	696	0	1	19	0	4.92	-.41	.69	17	1.0	1	3	14	7	0	
HENDERSON 4 SW	47.1	32.9	40.0	3.7	65	15	22	16	766	0	0	15	0	4.71	.77	1.08	16	2.3	1	6	13	1	1	
HICKMAN 1 E	49.4	32.2	40.8		65	15+	24	16+		0	0	20	0	4.23		1.00	8+	T	0		13	3	2	
HOPKINSVILLE 2 E	51.4M	31.6M	41.5M	4.0	68	16	21	12		0	0	16	0	3.97	-.23	.62	23	.0	0	0	10	2	0	
LOVELACEVILLE	50.8	32.9	41.9	5.0	68	15	20	12	711	0	0	17	0	4.41	-.27			T	0		13			
MAIDSONVILLE 1 SE	52.2	33.2	42.7		67	15	20	12	684	0	0	15	0	4.52		1.00	8	T	T	6	14	2	1	
MAYFIELD 2 S	51.8	32.6	42.2	5.5	68	15	21	16	699	0	0	17	0	3.79	-.92	1.14	8	T	0		10	3	1	
MURRAY	53.2	34.4	43.8	6.0	70	15	22	12	647	0	0	14	0	3.45	-1.77	1.05	8	T	T	3+	10	2	1	
OWENSBORO	47.9	32.8	40.4	5.5	64	15	19	6	757	0	1	14	0	E4.43	-.10	.77	8		2	6	15	3	0	
PAOUCAH CAA AIRPORT	47.6	32.5	40.1		68	15	22	12+	767	0	1	19	0	4.65		1.46	7	T	T	6+	13	3	1	
PAOUCAH	48.0	31.7	39.9	3.2	68	16	21	16+		0	1	20	0	4.35	-.02	1.57	8	T	T	24	11	2	1	
PRINCETON	52.0	30.5	41.3	4.8	67	15+	17	12	731	0	0	21	0	3.26	-1.27	.90	8	T	0		12		0	
RUSSELLVILLE	53.2	34.3	43.8	7.6	68	15	21	12	654	0	0	14	0	4.74	-.12	1.14	24				16	4	1	
DIVISION														4.28										
CENTRAL DIVISION																								
ANCHORAGE	48.3	29.9	39.1	5.8	68	15	14	6	794	0	2	21	0	4.23	.30	.98	17	6.0	3	6+	13	4	0	
BAROSTOWN S J PREP SCH	52.3	31.5	41.9		67	15+	17	6	705	0	0	18	0	4.36		.68	17		3	3+	17	2	0	
BOWLING GREEN W8 AP	51.1	33.8	42.5	6.2	67	15	22	12	691	0	1	14	0	4.12	-1.14	.79	17	.6	1	4	16	2	0	
RURGIN OIX OAM	51.8	33.4	42.6	5.8	66	15	17	6	685	0	1	15	0	4.84	.83	1.45	24				13	5	1	
CAMPBELLSVILLE	52.6	31.5	42.1		68	15	17	4	704	0	0	18	0	4.57		1.16	24	5.0	3	3	17	2	1	
CARROLLTON LOCK 1		30.1M			65	15	18	6		0	0	20	0	4.55	.93	1.15	28				14	3	1	
CLERMONT 1 SSE	51.6	31.5	41.6		67	15	15	6	719	0	0	16	0	4.99		1.26	17	5.8	4	6	16	3	1	
COVINGTON W 8 AIRPORT	43.5	29.3	36.4	4.6	63	15	9	6	877	0	4	21	0	4.55	1.15	1.17	27	5.7	3	7	15	2	2	
OANVILLE	48.1	31.3	39.7	4.5	65	16	20	4+		0	4	18	0	5.27	.76			7.0	2	3+	14			
FRANKFORT LOCK 4	48.9	30.0	39.5	4.4	68	16	14	6		0	1	19	0	3.73	-.39	.55	10	.0	0		14	2	0	
GREENSBURG	49.1	32.6	40.9	5.3	68	16	22	4		0	2	17	0	4.34	-.59	1.15	24	2.0	2	4	11	4	1	
IRVINGTON	49.9	32.8	41.4	5.9	65	15	19	6	726	0	0	16	0	4.14	.08	.80	17	6.3	2	6	14	3	0	
LEITCHFIELD	50.4	33.3	41.9	6.3	65	15	19	6+	712	0	1	16	0	4.48	-.41	.89	7	3.0	2	4	13	4	0	
LEXINGTON W8 AIRPORT	47.7	31.7	39.7	7.2	65	15	14	6	777	0	3	16	0	4.10	-.40	.77	24	5.1	2	7	17	3	0	
LOUISVILLE W8 AP	47.2	32.8	40.0	5.1	65	15	21	6	764	0	1	17	0	3.68	-.42	.79	17	4.8	3	7	14	3	0	
LOUISVILLE W8 CITY	46.8	34.0	40.4	4.8	66	15	22	6	756	0	1	14	0	3.65	-.42	.86	17	4.8	3	7	10	3	0	
MAMMOTH CAVE PARK	52.7	33.7	43.2	10.1	68	15	17	12	666	0	1	15	0	4.21	-1.59	1.04	17	1.5	1	3	16	2	1	
ST JOHN RETHLEHEM ACAD	47.4	27.7	37.6	3.7	65	16	14	6		0	1	24	0	3.89	-.85	.80	18	2.9	2	4	13	2	0	
SCOTTSVILLE	53.9	35.3	44.6		69	15	25	4+	624	0	1	14	0	5.56		.93	21	1.0	T	6	16	5	0	
SHELBYVILLE 2 W	49.2	30.8	40.0	6.3	65	15	12	5	767	0	1	17	0	4.75	.37	1.04	18	5.7	5	6	18	2	1	
SOMERSET 1 N	52.4	33.5	43.0		65	15	20	4	676	0	1	17	0	5.51		.80	8				17	6	0	
SUMMER SHADE	53.1	33.6	43.4		68	15	18	4	665	0	1	16	0	4.72		1.11	24	2.5	2	3	16	4	1	
WILLIAMSTOWN	47.2	28.9	38.1	5.0	64	15	10	6	828	0	4	20	0	4.40	.52	.94	17	5.0			17	3	0	
WOLF CREEK OAM	52.7M	33.9	43.3M		70	16	24	4+		0	0	14	0	7.02		1.55	24				16	6	2	
DIVISION														4.57										
EASTERN DIVISION																								
ASHLAND OAM 29	49.9	33.3	41.6	5.8	67	15	21	6	717	0	1	12	0	5.03	1.04	.78	9	5.4	2	7	19	4	0	
BARBOURVILLE	55.1	31.5	43.3		65	15	18	5+	665	0	1	18	0	5.83		1.15	8		2	4	17	2		
BAXTER	50.5	31.4	41.0		64	16+	20	4+		0	2	18	0	5.52		1.00	21	3.4	1	3+	17	3	1	
BENHAM	51.2	31.9	41.6		65	18+	19	4		0	3	18	0	5.11		.82	21	12.5	1	3+	19	4	0	
BEREA COLLEGE	51.7	34.0	42.9	6.2	66	15	18	6	679	0	2	18	0	5.16	.46	1.63	7	7.2	3	3	14	3	1	
CORBIN CAA AIRPORT	52.3	32.9	42.6		65	15	17	6	687	0	2	18	0	6.16		1.14	8	1.2	1	4+	18	4	1	
CYNTHIANA 2	48.8	30.5	39.7		65	15	11	6	779	0	2	19	0	3.61		.62	24	3.0	3	6	14	2	0	
FARMERS	52.1	30.3	41.2	6.1	66	15	8	6	729	0	0	19	0	4.10	-.21	.68	18	2.7	2	7	16	2	0	
GRAYSON	50.1	29.1	39.6		68	15	13	6	781	0	2	20	0	4.33		.76	18	3.0	2	7	14	3	0	
HEIDELBERG LOCK 14	54.1	31.3	42.7	7.0	67	15	19	6	685	0	0	17	0	5.98	1.47	1.45	7	5.0	2	7	16	3	1	
HINOMAN SETTLEMENT SCH	52.5	29.1	40.8		65	18	21	6+		0	0	22	0	4.07		.79	21	1.5	2	4	13	2	0	
INEZ	49.3M	30.6M	40.0M		68	16	20	6	771	0	1		0	5.20		1.93	7	5.5	4	6	13			
MANCHESTER 4 SE	54.7	31.5	43.1		66	15	18	6	670	0	1	16	0	E 6.08		.89	18	2.2	1	3	16			
MAYSVILLE OAM 33	47.6	29.8	38.7	5.3	67	16	20	13		0	3	21	0	4.03	.07	.65	24	5.0	3	7	18	2	0	
MIDDLEBORO	53.7	32.3	43.0	4.9	65	13	18	6	674	0	1	17	0	6.18	1.75	1.12	9+	T	T	3+	15	5	2	
MOUNT STERLING	50.2	31.3	40.8	7.4	65	15	13	5	744	0	1	22	0								14			
PIKEVILLE	53.4	34.6	44.0		7.1	67	19	26	6+	642	0	1	13	0	3.46	-.17	.74	21	T	T	4	17	1	0
RICHMOND E STATE COL	47.5	31.1	39.3	3.4	64	16	17	6		0	2	18	0	4.97	.66	.79	18	6.4	2	4+	16	5	0	
VANCEBURG OAM 32	49.6	29.5	39.6		64	16	12	5	783	0	2	20	0	4.04	.15	.58	28	2.5	3	7	17	3	0	
WEST LIBERTY WATER WKS	51.4	28.8	40.1		69	14	15	6		0	1	24	0	4.96		.76	24	5.0			16	6	0	
WILLIAMSBURG	54.6	33.4	44.0	5.6	67	13	21	5+	644	0	1	14	0	5.88	1.58	1.25	8				20	5	2	
DIVISION														4.99										
STATE														4.65	.07									

# DAILY PRECIPITATION

KENTUCKY  
JANUARY 1953

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	3.75		.22	.18	.07	.05	T		.40	.53	T	.15	.09				.50	.05	.32					.55	.09				.55				
ADOLPHUS 1 N	6.37		.20	.12	.05	T		.35	.48	.02	.90						T	.15	.71			1.16	T		.55	.07				.63			
ALPINE	6.12	.13	.09	.25	.07	.02		.57	.63	.04	.81	.04					.08	.25	.99			.80		.96	.37	.12			.52				
ALLEN	4.33	.19			.53	.14		.80	.21	.18	.38	.14										.38	.12		.37	.12			.35				
ANCHORAGE	4.23		.31	.53	T		.28	.17	.21	.01	.70	T					T	.31	.98					.04	.14	T	.03	.52			T		
ASHCAMP	3.79	.19		.45	.07	.13		.52			.30		.15						.50				.45	.05	.35	.18	T		.45				
ASHLAND DAM 29	5.03	.40		.50	.32	T	.15	.15	.75	.78	.09	.04	.09					.02	.65			.03	.02		.34	.30	.03		.36	.01			
BARBOURVILLE	5.83		.18	.24	.06	.03	T	.55	.15	.02	.45	.24					.25	*	.76			T	1.05		.04	.42	.04		.35		T		
BARSTOWN 5 J PREP SCH	4.36		.14	.42	.14	.01	.21	.57	.22	.04	.69	.02					.31	.68	.24					.10	.09	.33	T	.02	.43				
BAXTER	5.52	.15		.45	.08		.04	.33	.30	.35	.67		.15					.05	.85				1.00	.10		.30	.25	.05		.40			
BEAVER DAM	4.84		.46	.09	.02			.04	.66	.55	.04	.60					.38	.87						.24	.59			T		.30		T	
BENHAM	5.11	.28	.06	.38	.06	.01	.03	.36	.42	.18	.53	.01	.08		T		T	.09	.65			.82	.06	T	.43	.05	T		.68	T	T	.02	
BERRA COLLEGE	5.16		.16	.21			.35	.163	.43	T	.18	.04						.05	.16	.72			.32		.59	.24	T		.43	.03	.31		
BERRA WATER WORKS	6.19		.16	.44			.18	T	1.57	.78	.39	.25	.03	T				.08	.25	.67			.32		.62	.07			.32				
BOWLING GREEN	4.07	.04	.18	.10	.10	T		T	.05	.51																							
BOWLING GREEN SUBSTA	4.57	.05	.33	.16				.05	.60	.02	.71	.03					T	.38	.85			.29		.72	.03				.32				
BOWLING GREEN WR AP	4.12	.29	.05	.03	T		.01	.20	.37	.61	.17	T					.12	.79	.85			.38	.02		.49	.24	T	.33	.02		T		
BRENT DAM 3A	4.98	.07		.11	.01		.01	.24	.84		.32	.17	.03				.16	.05	1.15			T	T		.44	.05	T		1.30	.03	T		
BROWNDALE LOCK 6	4.94	.05	.26	.10	.08			.60	.54		.60	.04					.31	.30	.98			.09		.55					.64				
BURDINE 2 NE	4.35	.20		.30			T	.05	.68	.10	.41	T	.20					.05	.54			.64		.20					.40				
BURGIN DIX DAM	4.84	.15		.30		.10	T	T	.58	.50	T	.60	.04	T			.11	.09	.58			T			1.45	.07	T		.27				
BURKESVILLE	7.07	.02	.11	.19		.10	T	.67	.41	.03	.90	.03	T				.04	.09	1.00				.68	T	T	1.87	.16	T	.77	T			
BURNSIDE	6.27	.24	.07	.18	.09	T		.49	.70	.14	.95	.07					.40	.15	.95	.07			.86		.16				.90				
CADIZ LOCK E	4.36		.28	.14		.01	T		1.0	1.18		.27	.11				.71	.10						*		.40	.23			.13			
CAMPRELLSVILLE	4.57	T	.06	.36	.02	T	.15	.95	.17	.10	.32	.04					.04	.68	.11					.16	1.16	.05		.02	.38		T		
CARROLLTON LOCK 1	4.55		.10	.40		.10	.05	.04	.25	.62		.34	.10				.30	.15	.75						.20				1.15				
CLERMONT 1 SSE	4.99		.21	.33			.23	.34	.20	.04	.66	.10					.30	1.26	.35					.05	.29	T		.05	.55		.03		
COLLEGE HILL LOCK 11	4.83	.12		.31	.24			.63	.97	.09	.15	.05	T				T	.22	.80					.55	.26				.44				
COLUMBIA	5.68	.12	.44	.20	.10	.15	T	.20	.31	.45							.05	.15	.85			.65	.40		1.65	.10	.11	T	.60				
CORBIN CAA AIRPORT	6.16		.28	.08	T	.01	.43	.24	1.14	.41	.29	.05					.09	.91				.65	.44		.29	.23	.01	T		.53		.08	
COVINGTON W R AIRPORT R	4.55	T	.11	.10	T	.09	.22	.34	.32	T	.37	.01			T	T	.31	1.11				T		.13	.11	T		1.17	.12	.04	T		
CUMBERLAND FALLS ST PK	6.139	.24					.17	.42	1.62	.50	.25						.30		.70			T	1.20	T		.41	.10			.48		T	
CYNTHIANA 1	3.71	.78		.29	.06	T	.03	.25	.49		.32	.04	T				.21	.08	.48						.02	T			.66				
CYNTHIANA 2	3.61		.07	.27	T	.05	.74	.27	.32	T	.30	.07					.14	.37	.76					.08	.62	T			.55	T			
DANVILLE	5.27	.11	.05	.21	.10	T		.89	.66	T	.72	.03	T				.10	.08	.55				T		*	1.32	T		.45				
DELPHIA 1 E	4.44		.02	.20	.04	.02	.05	.41	.36		.54	.12	.01				.01	.69				.88		.43	.18				.48				
DEMA	4.68		.28	.12			.42	.80	.37		.22	.15					.15								.43	.09			.61				
DEWEY DAM	5.64	.38		.45	.27	T	T	1.10	.53	.45	.15	.06	.08				.36	.21	.59			.62	T	.37	.09	T			.29	T			
DUNDEE BARRETT'S FORD BR	4.85		.25	.28	.07	T	.08	.42	.45		.60	.08					.36	.14	.78						.95	.05			.38				
DUNMORE	5.59	.47	.34	.12	.03			.17	.87		.77	.24					.62	.17	.57				.04	.01	1.01	.02			.19				
DUNNVILLE	4.49		T	.30		.08	T	.20	.50									.37	1.00			.25							.19				
EDDYVILLE LOCK F	4.17		.19	.18	.04	.01	.17	1.00		.02	.21	.05					.85	.22	.37			.26		.31	.15				.16				
EDMONTON	4.80		.12	.10	.05	.05		.20	.35		.38						.05	.12	.84			.12		.16					.25				
ELKHORN CITY	3.66	.21	T	.35	.07			.53	.04	.03	.25	.02	.23				.16	.12	.49			.01	.45	.09	T	.22	.21	T	.41	.08			
FALMOUTH	4.18	.23		.42	.12	.02	.06	.27	.75		.26	.06	.04				.16	.12	.49			.03			.32	.06	T		.74	.03			
FARMERS	4.10	.17	.47	.22	T	.02	.36	.57	.07	.11	.08	T					.05	.13	.68				.04		.48	.30	T		.35	T			
FLEMINGSBURG	3.94	.02	.35	T	T	.03	.31	.62		.13	.09	T					.03	.19	.72			T			.85	.11	.03		.46				
FORD LOCK 10	3.02	.09		.24	.10	T	T	.41	.67	T	.37	.03	T				T	.15							.31	.30			.35				
FORDS PERRY DAM 50	3.99		.04	.05	T	T	.02	.13	1.30	T	.01	.01					1.02	.03	.44			.05		.20	.30	T			.39				
FRANKFORT LOCK 4	3.73	.36		.38	.07	T	.01	.24	.42		.55	.04	T				.12	.11	.47						.36	.07	T		.53				
FRANKLIN WATER WORKS	4.77	.25		.15				*	.49		.78						T	.32	.63			.74		.88	T				.53				
FREEBURN	3.08	.14	</																														

# DAILY PRECIPITATION

KENTUCKY  
JANUARY 1953

Table 3--Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ST JOHN BETHLEHEM ACAA	3.89		.30	*	.10	.08		.08	.47		.60	T					.35	.20	.80						.40	.11		T		.40			
SALVISA LOCK 6	5.01	.18	.05	.26	.18	.01	T	.41	.80	T	.46	.02	T				.12	.12	.42						1.43	.08	T			.47			
SALYERSVILLE 2		RECORD MISSING																															
SCOTTSVILLE	5.56		.18	.02	.07		.05	.30	.39	.33	.52	.03					.06	.83				.93		.30	.91	.03			.63				
SERREE WATER WORKS	4.11		.28	.02	T	T	.09	.26	.87	T	.21						.70	.66						.51	.07		.08		.36		T		
SHAWNEE STEAM PLANT	4.30		.02	.09				.24	1.20								.98	.14	.36		.22			.46	.19				.40				
SHELBYVILLE 2 W	4.75	.03	.09	.42	.15	.01	.04	.41	.45	.02	.64	.08	.01				.22	.21	1.04					.45	.03	T			.45				
SHEPHERDSTOWN	3.76	.04	.15	.27	.04		.05	.45	.20		.63	.07					.04	.32	.76					.32					.42				
SOMERSET 1 N	5.51		.25	.18		.01	.02	.52	.80	.30	.55	.03					.10	.64	.12				.74	.15	.70	.04			.36				
SPRINGFIELD	4.59	.10	.17	.08	.03	T	.06	.62	.50	T	.59	T					.23	.09	.50					1.22	T			.45					
STEARNS 2 N	5.76			.38			.43		1.10	.13	.77	*	.05				*	.08	.52		1.21			.53	.13				.43				
SUMMER SHADE	4.72		.17	.26	.03		.04	*	.17	.17	.59						.06	.80		.03	.63			1.11	.03			.32					
SUMMER SHADE SURSTA	5.72	T	.16	T	.20	T		.22	.27	.02	.87	.01	.02				T	.11	.82		.79			1.52	T			.71					
TAYLORSVILLE	3.86	.08	.10	.27	.03	.02	T	.36	.22		.52	.07					.19	.22	.89					.05	.34			.50					
TOMPKINSVILLE 2	5.80		.03	.25	.03			.41	.35		.92	.03					.02	.03	.75				.89	1.49	.06			.56					
TURKEY CREEK SCHOOL	4.13			.18				.05	1.00	.03	.27	.09					.68	.10	.48		.22	.02	.44	.19	.03			.12					
TYRONE LOCK 5	3.99	.35		.43	.11	T	.02	.26	.52	.02	.42	.03	.02				.06	.14	.45					.52	.18	T		.46					
UNIONTOWN DAM 49	3.13		.01	.05	T	T	T	.15	.80	T	T	.01					.52	.26	.31		T		.13	.36			.53						
VALLEY VIEW LOCK 9	3.55	.08		.23	.01	T	T	.50	.48	T	.49	T					.04	.09	.48				.78	T	.02		.35						
VANDUREN	4.37	.20	.09	.34	.04	.06	.06	.43	.40		.47	.07	.02				.21	.21	.51					.53	.07			.66					
VANCEBURG DAM 32	4.04	.26		.29	.08	T	.02	.24	.51	.30	.10	.02	T				.04	.09	.55		.01			.47	.47			.58	.01	T			
WAYNESBURG 6 E	5.43	.07		.35	.08	T		1.25	.67	.09	.37	.08					T	.19	.90		.21			.67	.03			.47					
WEST LIBERTY WATER WKS	4.96	.14		.28	.05	T	.08	.50	.60	.51	.52	.10						.18	.59		.12			.76	.20	.03		.30					
WESTPORT	5.12	.04	.26	.50	.04	T		.20	.38		.50	.10	T				.60	.75	.15					.24			1.36						
WILLIAMSBURG	5.88	T	.21	.20	.06	.02	.01	.23	1.25	.10	.75	.04	.06	T			.05	.12	.54		T	1.20	T	.10	.28	.12	T	.52	T		.02		
WILLIAMSTOWN	4.40	.02	.10	.34		.20	.30	.02	.80		.34	.02	.04				.02	.94	.14					.07	.40	.05		.60					
WILLOW LOCK 13	6.04	.20		.22	.10		.05	2.00	.05	.35	.17		.10					.10	.72		.70			.84	.14			.30					
WOLF CREEK DAM	7.02	.08	.08	.26	.17	T		.66	.29	.03	.98	.02					.01	.16	1.02		.63			1.55	.26			.82					
WOODBURY LOCK 4	4.12	.03	.38	.09	.01	T	T	.35	.44		.73	.02					.39	.10	.42				T	.89	T		.29						



# DAILY TEMPERATURES

KENTUCKY  
JANUARY 1953

Table 5

Station	Day Of Month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ANCHDRAGE	MAX	37	44	43	30	33	32	37	50	38	40	38	44	59	60	68	64	58	50	57	52	47	52	58	53	33	52	59	56	42	55	55	48.3
	MIN	29	28	24	17	22	14	27	27	33	35	29	19	39	37	50	27	30	29	32	35	31	30	34	33	28	27	37	29	25	29	42	29.9
ASHLAND DAM 29	MAX	40	40	40	32	35	33	34	53	51	51	49	40	59	57	67	62	52	52	61	55	53	53	60	57	36	40	66	59	47	52	60	49.9
	MIN	37	27	32	26	23	21	25	34	44	45	35	27	35	34	39	36	35	42	32	40	40	34	33	36	28	26	33	35	28	25	46	33.3
BARBOURVILLE	MAX	52	47	42	30	37	48	63	64	61	54	49	48	60	62	65	62	60	64	64	61	54	62	60	59	34	59	59	62	49	59	58	55.1
	MIN	33	22	26	20	18	18	42	50	45	43	29	27	25	25	34	40	30	31	26	36	38	30	35	31	25	26	45	37	21	26	41	31.5
BAROSTOWN S J PREP SCH	MAX	43	45	45	37	35	38	43	58	52	40	39	46	61	63	67	67	60	59	60	60	55	60	60	61	34	57	60	58	45	56	56	52.3
	MIN	32	28	25	19	23	17	30	41	33	35	28	21	34	40	49	27	29	29	33	37	36	38	37	32	27	28	38	31	26	31	43	31.5
BAXTER	MAX	45	51	42	33	28	35	54	60	60	56	52	36	45	55	55	64	57	62	60	60	51	45	64	60	46	30	57	61	41	46	56	50.5
	MIN	35	25	29	20	20	20	23	42	43	39	35	29	27	27	28	41	42	34	28	29	37	34	35	46	27	26	27	40	24	28	32	31.4
BEAVER DAM	MAX	42	48	46	31	38	39	55	59	39	38	37	44	62	63	66	64	55	51	60	59	49	54	61	57	37	62	59	56	46	57	58	51.4
	MIN	34	31	26	24	26	23	31	37	33	34	30	21	37	43	52	25	29	30	32	37	37	39	38	31	28	30	45	30	29	39	47	33.2
BENHAM	MAX	49	52	43	31	32	35	54	59	59	57	52	33	49	59	57	62	62	65	57	62	55	45	65	62	45	30	57	59	45	45	50	51.2
	MIN	35	28	29	19	21	20	25	49	42	43	33	26	27	30	30	40	41	35	28	31	44	34	34	45	25	26	27	39	25	28	30	31.9
BEREA COLLEGE	MAX	42	45	39	29	34	45	57	60	55	51	36	44	61	59	66	58	58	56	61	59	54	59	58	56	32	58	58	57	43	57	55	51.7
	MIN	28	29	22	20	22	18	33	53	37	36	28	25	40	37	49	32	32	32	32	48	36	38	47	32	26	29	51	32	31	32	47	34.0
BOWLING GREEN W8 AP	MAX	45	48	34	31	40	50	61	61	38	40	35	45	60	59	67	60	60	51	60	59	44	57	63	51	38	63	60	44	50	56	54	51.1
	MIN	29	31	26	25	26	25	34	38	35	34	25	22	36	45	52	29	34	32	34	39	40	40	40	30	28	60	41	33	31	41	44	33.8
BURGIN OIX DAM	MAX	43	44	40	29	34	37	42	61	58	45	39	45	63	61	66	64	58	56	62	61	57	59	59	58	34	56	60	58	44	58	55	51.8
	MIN	39	30	29	24	25	17	32	38	36	38	35	24	36	39	48	31	31	32	31	38	37	38	36	33	29	27	43	34	29	31	45	33.4
CAMPBELLSVILLE	MAX	45	48	44	33	35	40	56	60	50	43	40	45	62	59	66	64	59	58	62	62	56	59	61	58	34	59	58	58	45	56	55	52.6
	MIN	29	28	22	17	22	18	31	45	32	33	25	23	34	40	48	27	28	28	33	40	35	35	40	29	24	27	45	32	28	35	45	31.5
CARROLLTON LOCK 1	MAX	34	28	28	20	25	18	25	33	33	40	39	43	58	59	65	63	58	56	55	53	53	51	55	55	34	47	60	55	41	54		
	MIN	34	28	28	20	25	18	25	33	33	37	31	22	38	36	32	28	30	33	30	37	36	29	30	33	28	26	31	32	29	31		30.1
CLERMONT 1 SSE	MAX	43	45	47	34	35	36	38	57	47	40	38	46	61	62	67	65	58	57	61	61	52	59	62	59	34	59	61	58	46	57	56	51.6
	MIN	34	25	27	20	20	15	30	34	33	33	29	18	37	45	52	29	31	29	33	36	37	31	33	33	28	28	43	31	25	33	44	31.5
CORBIN CAA AIRPORT	MAX	48	44	40	28	34	53	63	62	50	50	37	44	61	60	65	59	63	57	61	57	48	59	58	53	30	58	61	59	46	57	55	52.3
	MIN	26	28	23	20	22	17	42	49	43	37	28	28	31	30	45	34	37	30	27	40	39	34	38	30	26	29	54	28	29	30	45	32.9
COVINGTON W B AIRPORT	MAX	37	41	40	26	31	26	34	46	38	38	34	40	54	56	63	57	56	46	51	50	43	45	54	49	30	39	55	34	34	51	52	43.5
	MIN	30	30	23	18	15	9	23	33	33	34	29	20	36	39	50	26	30	32	35	37	32	30	30	30	25	22	33	26	27	29	42	29.3
CYNTHIANA 2	MAX	38	42	41	31	33	29	35	54	49	43	40	43	58	58	65	62	58	58	58	54	50	55	54	54	34	46	61	55	42	56	56	48.8
	MIN	32	29	31	20	22	11	27	34	34	39	30	21	35	33	45	30	31	34	30	38	36	29	31	34	27	25	33	32	27	27	40	30.5
DANVILLE	MAX	42	43	43	30	32	34	43	56	59	43	45	32	44	61	59	65	40	58	55	61	57	42	60	58	32	56	57	57	42	46	57	48.1
	MIN	33	31	30	20	20	20	23	32	35	35	31	26	26	39	41	40	31	30	30	38	36	31	38	36	27	26	29	35	29	33	39	31.3
FARMERS	MAX	42	40	42	33	34	33	36	58	58	55	47	43	61	60	66	65	57	59	63	62	56	60	58	53	38	48	64	59	42	58	64	52.1
	MIN	33	23	32	22	18	8	29	34	39	44	32	21	29	28	39	34	32	37	27	38	39	31	31	32	28	26	35	36	21	22	40	30.3
FORDS FERRY DAM 50	MAX	46	50	35	34	39	37	43	56	36	37	39	50	62	64	67	63	42	46	57	49	44	46	57	52	42	66	57	48	47	57	53	49.1
	MIN	33	33	26	28	27	24	30	35	32	32	30	22	42	49	55	22	24	32	32	37	37	38	38	31	30	32	38	28	33	42	47	33.5
FRANKFORT LOCK 4	MAX	43	40	45	36	32	36	36	56	38	43	43	36	45	60	63	68	42	61	53	59	57	46	56	59	45	33	52	64	46	45	57	48.9
	MIN	34	27	31	22	22	14	17	29	35	35	33	28	24	31	31	39	30	33	31	31	37	36	34	34	29	28	30	36	28	28	33	30.0
GRAYSON	MAX	40	39	40	32	34	32	43	47	48	51	47	42	63	61	68	62	58	57	61	55	51	53	55	52	36	44	65	60	41	55	60	50.1
	MIN	27	22	30	23	15	13	27	32	38	43	33	22	29	26	32	34	33	38	27	35	40	28	25	35	28	22	29	35	21	21	36	29.1
GREENSBURG	MAX	44	43	46	31	31	36	40	59	60	42	41	34	46	61	62	68	42	59	54	61	59											

# DAILY TEMPERATURES

KENTUCKY  
JANUARY 1953

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYSVILLE DAM 33	MAX	42	37	42	41	28	33	32	49	55	46	47	37	43	58	60	67	47	58	53	59	53	50	56	55	49	31	51	63	39	40	54	47.6
	MIN	34	25	27	25	21	21	23	27	39	37	35	24	20	30	30	46	32	34	30	31	37	33	32	34	30	22	32	35	24	24	29	29.8
MIDDLESBORD	MAX	54	46	42	31	37	39	60	60	59	53	49	48	65	55	62	61	59	60	60	56	59	61	60	57	36	56	57	59	49	58	58	53.7
	MIN	35	24	29	22	22	18	37	49	41	37	32	29	26	27	34	47	31	30	25	42	42	29	36	34	26	26	47	39	24	26	35	32.3
MOUNT STERLING	MAX	39	43	41	32	33	33	39	57	53	51	42	43	59	58	65	60	64	57	60	59	52	57	52	53	47	49	50	58	41	36	54	50.2
	MIN	28	29	18	21	13	30	38	37	40	29	21	34	38	46	31	33	31	37	40	37	33	39	32	26	25	24	30	26	26	45	32	31.3
MURRAY	MAX	48	50	40	37	46	53	62	62	40	37	46	52	62	65	70	68	41	48	62	55	47	50	58	55	48	68	60	56	53	59	52	53.2
	MIN	32	38	25	23	28	28	35	39	35	34	30	22	37	48	53	25	26	31	36	37	36	37	39	32	29	32	47	33	29	43	48	34.4
OWENSBORD	MAX	44	46	42	32	33	36	47	42	37	36	35	45	60	60	64	62	44	49	56	59	46	49	55	47	37	60	56	55	43	55	52	47.9
	MIN	34	34	27	24	26	19	29	37	34	33	31	21	35	43	52	24	27	31	34	39	34	34	39	33	29	31	42	28	30	36	47	32.8
PADUCAH CAA AIRPORT	MAX	47	48	32	35	42	47	57	51	35	35	43	50	59	62	68	33	36	43	56	47	39	44	56	45	44	64	58	42	50	56	52	47.6
	MIN	31	32	25	29	28	28	31	33	32	31	26	22	40	50	33	22	27	31	33	36	36	38	39	31	28	32	40	30	30	45	38	32.5
PADUCAH	MAX	38	48	50	33	38	43	46	59	42	36	36	43	50	61	65	68	32	37	44	59	49	39	45	58	46	48	66	58	44	50	57	48.0
	MIN	31	32	26	25	29	27	28	32	34	33	30	23	26	40	49	21	21	31	30	33	36	36	38	32	30	29	37	34	30	32	47	31.7
PIKEVILLE	MAX	46	45	36	32	36	37	51	63	57	54	39	45	66	61	66	58	68	65	67	52	47	56	63	61	36	56	65	63	47	57	60	53.4
	MIN	35	28	32	26	28	28	41	44	45	41	34	32	29	29	36	41	40	37	30	39	44	36	34	36	31	28	39	41	28	26	36	34.6
PRINCETON	MAX	45	48	41	38	42	47	59	50	40	38	44	50	61	65	67	63	42	50	60	55	48	50	55	53	45	67	61	55	50	60	53	52.0
	MIN	32	32	25	25	24	24	30	37	32	32	30	17	33	36	50	22	24	28	24	35	36	37	35	30	28	25	36	29	24	28	45	30.5
RICHMOND E STATE CDL	MAX	40	40	45	41	29	33	41	55	58	45	49	33	43	59	57	64	42	58	54	59	56	44	57	57	36	32	53	57	40	42	53	47.5
	MIN	33	28	29	20	23	17	23	33	37	36	33	25	27	41	36	41	32	32	28	31	36	37	39	35	26	27	32	36	29	31	30	31.1
RUSSELLVILLE	MAX	44	49	38	33	41	52	61	60	38	38	40	46	63	62	68	59	59	55	62	60	52	56	63	54	39	66	61	56	63	59	53	53.2
	MIN	33	35	27	27	26	26	35	36	34	34	32	21	39	45	50	27	29	30	36	38	39	40	37	32	29	28	51	32	29	41	46	34.3
ST JOHN BETHLEHEM ACAD	MAX	46	42	45	30	34	35	40	55	57	40	38	34	48	59	61	65	36	58	51	59	55	44	58	59	38	33	60	58	42	45	45	47.4
	MIN	30	26	26	16	20	14	20	26	30	30	28	15	20	38	44	27	26	27	31	35	34	33	38	34	22	25	32	30	25	28	30	27.7
SCOTTSVILLE	MAX	46	46	36	32	40	55	62	63	51	39	38	46	61	62	69	65	59	54	63	62	56	60	64	61	38	64	60	57	50	58	55	53.9
	MIN	32	34	27	25	25	25	36	50	36	36	30	20	37	45	50	30	30	32	38	46	39	41	42	31	28	29	52	34	29	40	45	35.3
SHELBYVILLE 2 W	MAX	40	43	43	31	33	33	38	53	49	41	38	43	59	60	65	63	58	58	57	55	50	54	55	55	34	52	59	56	42	54	54	49.2
	MIN	34	37	29	17	21	12	23	34	33	36	28	20	35	38	48	28	29	30	33	37	35	31	36	32	27	27	39	30	27	29	40	30.8
SOMERSET 1 N	MAX	47	43	43	29	37	45	55	63	55	45	41	45	62	58	65	59	59	55	61	60	55	58	58	56	39	60	56	58	48	58	52	52.4
	MIN	32	27	25	20	23	21	36	49	38	40	28	27	34	41	47	32	31	31	32	45	38	37	38	31	25	28	47	36	28	30	41	33.5
SUMMER SHADE	MAX	48	45	45	31	38	54	60	62	49	41	38	47	63	61	68	59	58	55	62	61	53	60	62	57	34	61	59	57	48	57	53	53.1
	MIN	28	27	20	18	20	20	38	48	35	36	28	28	36	44	54	31	30	29	36	43	39	39	42	31	27	30	52	29	27	33	45	33.6
VANCEBURG DAM 32	MAX	40	40	41	32	33	30	34	43	47	53	45	43	58	61	63	64	61	61	59	58	52	56	56	54	36	40	63	60	40	57	58	49.6
	MIN	33	26	30	15	12	13	26	33	38	42	30	21	34	31	30	28	28	35	26	38	38	32	34	29	27	24	35	32	28	25	40	29.5
WEST LIBERTY WATER WKS	MAX	45	44	45	40	32	39	36	50	57	50	54	45	54	69	60	67	47	60	59	63	61	59	61	56	50	40	51	61	44	45	50	51.4
	MIN	28	30	30	20	23	15	20	30	35	41	34	29	26	31	30	38	32	26	26	29	38	35	30	31	28	25	30	36	22	21	24	28.8
WILLIAMSBURG	MAX	51	45	43	30	47	43	65	64	60	50	46	45	67	61	66	61	64	61	60	55	57	60	58	57	34	57	61	63	47	60	56	54.6
	MIN	34	21	27	22	21	21	41	51	44	34	29	22	33	33	43	35	37	32	28	41	40	36	42	32	27	30	44	37	26	30	42	33.4
WILLIAMSTOWN	MAX	40	44	40	30	31	30	31	49	48	40	38	41	56	59	64	63	55	55	56	54	49	50	51	51	33	43	62	55	39	52	55	47.2
	MIN	31	27	20	17	21	10	24	30	32	36	28	20	34	34	46	27	29	30	34	35	33	31	37	33	25	20	34	29	21	27	42	28.9
WOLF CREEK DAM	MAX	44	48	47	33	33	39	55	64	65	46	46	35	47	64	60	70	49	64	58	63	58	45	60	61	43			68	50	60	52.7	
	MIN	34	28	32	24	24	24	30	41	40	38	34	30	28	31	44	48	34	35	30	31	41	40	37	41	29	27	32	39	35	35	35	33.9

## EVAPORATION AND WIND

Table 6

Station		Day of month																															Total to date
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOLF CREEK DAM	EVAP	.05	.01	.00	*	*	*	.12	.06	.03	.08	.01	*	*	.11	.04	.10	*	*	.17	.06	.03	.02	.04	-	*	.19	.10	.11	.07	.05	.11	B1.61
	WIND	48	21	84	47	50	20	13	60	46	62	52	72	28	37	84	76	43	82	20	22	31	39	35	115	65	27	71	96	52	30	45	1571

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
JANUARY 1953

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ASHLAND DAM 29	SNOWFALL SN ON GND				2.0 T	T T	1.5 1	1.5 2		T			T T														T T	.3 T			.1 T		
BEAVER DAM	SNOWFALL SN ON GND			.5																													
BENHAM	SNOWFALL SN ON GND			2.0 1	1.5 1	.5 1	.5 1	.5 T				T T	3.0 1												1.5 2	2.0 2	1.0 1				T T	T T	
BOWLING GREEN WB AP	SNOWFALL SN ON GND		T	T	.6 1	T T	T T			T							T								T T	T T							
CORBIN CAA AP	SNOWFALL SN ON GND			.6 T	T 1	.1 1	.1 T					T														.3 T	.1 T						
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T		T	T	T	1.0 T	2.5 1	T 3			T T	T T				T		T						T T	T T	T T		.2 1	1.0 1	1.0 1	T	
DANVILLE	SNOWFALL SN ON GND			1.5 2	.5 2	T 2	T 1	5.0 1		T																T T							
FARMERS	SNOWFALL SN ON GND			T	1.5 1	T 1	T 1	1.2 2					T													T T	T T				T T		
FORDS FERRY DAM S0	SNOWFALL SN ON GND			T	T	T	T	T																	T	T							
HEIDELBERG LOCK 14	SNOWFALL SN ON GND			T	T	T	T	5.0 2					T																		T T		
RINDMAN SETTLEMENT SCR	SNOWFALL SN ON GND				1.5 2																												
IRVINGTON	SNOWFALL SN ON GND			1.8 1	T T		T T	3.5 2																			1.0 T						
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV			1.8 1	T 1	.7 1	2.6 1	2 .4				T														T T	T T				T T		
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV		T	1.0 T	T T	T T	3.8 T	3 .3		T		T														T T	T T				T		
MAMMOTH CAVE PARK	SNOWFALL SN ON GND			.5 1	1.0 T	T T	T T																										
MAYSVILLE DAM 33	SNOWFALL SN ON GND				T T		1.0 T	4.0 3	1																								
MIDDLESBORO	SNOWFALL SN ON GND			T T	T T	T T	T T						T T														T T	T T					
MURRAY	SNOWFALL SN ON GND			T T																						T T							
OWENSBORO	SNOWFALL SN ON GND		.5 T	- 1	1.0 1	.3 1	1.5 2	1									T																
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND		T	T			T T																			T							
PIKEVILLE	SNOWFALL SN ON GND				T T																												
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND				2.0 2	.8 1																					.1						
SCOTTSDALE	SNOWFALL SN ON GND			T T	T T		T T																				1.0						
WILLIAMSTOWN	SNOWFALL SN ON GND	-	-	-	-	-	2.0 3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOLF CREEK DAM	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



KENTUCKY  
JANUARY 1953

† 1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-ORIO; 8-SALT; 9-TENNESSEE

The four digit identification numbers in the index number column of the Statinn Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily

Average of 63 %. Evaporation is measured in the standard weather bureau type pan nr 4 foot diameter unless otherwise shown by footnote following Table 6.

Street and bulk were included in snowfall averages in table 1, beginning with July 1946.

Amounts in these cases from non-recording gauges, unless otherwise indicated.

Span as shown in Table 1 to 1.5 hr. 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846,

Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is more than 10 cm (4 in.).

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by nn entry.

\* Amount included in following measurement, time distribution unknown.  
 // Gas is equipped with a wing shield.

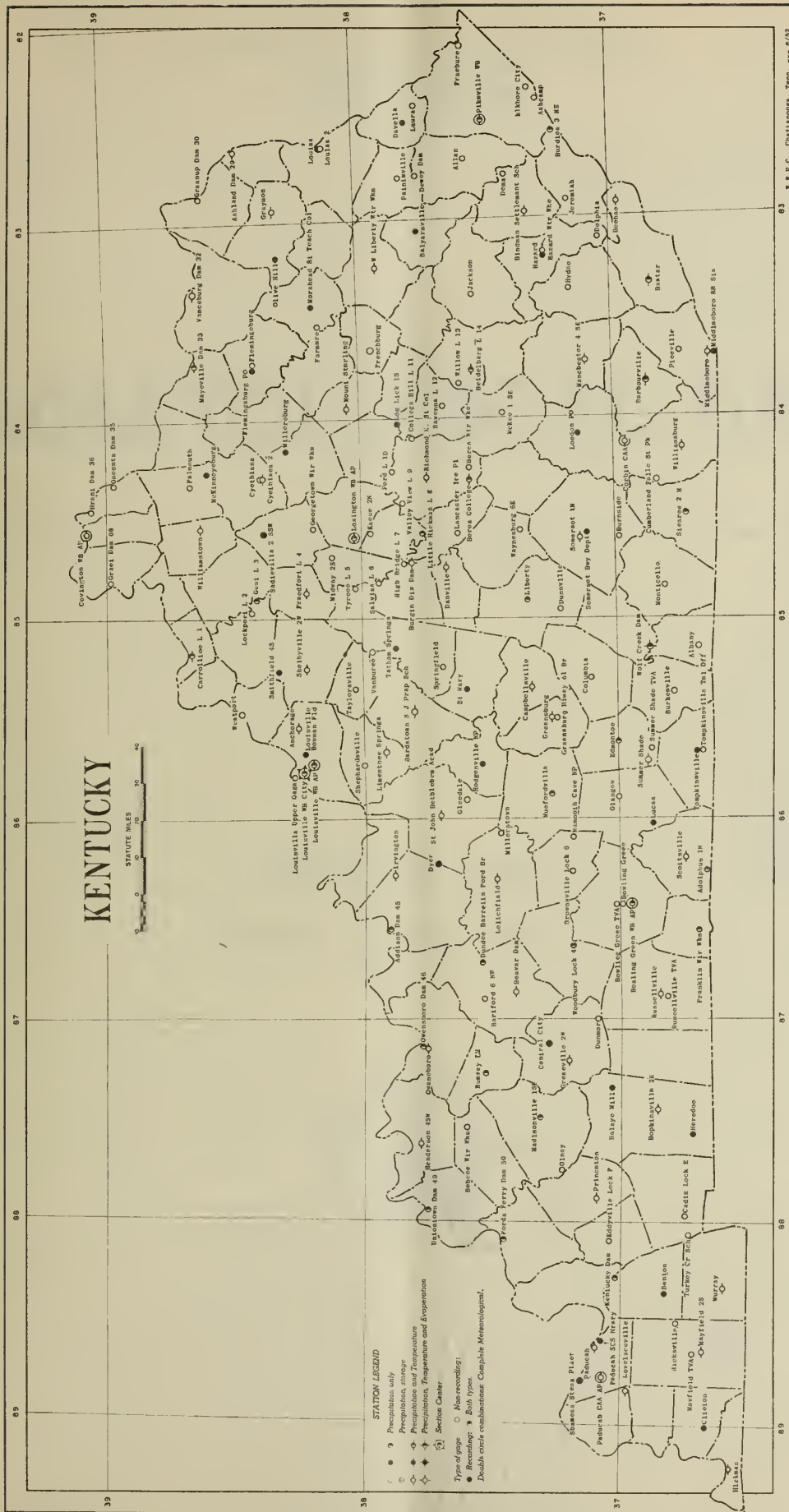
\* One or more days of record missing; see table S for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.  
 † Only values and monthly total from recording gaps

T Trace, an amount too small to measure.  
V Includes total for previous month.

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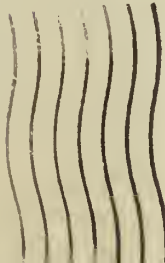
Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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# CLIMATOLOGICAL DATA

## KENTUCKY

FEBRUARY 1953  
Volume XLVIII No. 2



NAT.  
HIST.

APR 22 1953



O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The unseasonably warm weather which so largely prevailed during January continued with but brief interruptions during the whole of February. No extremely low temperatures were registered nor were there any extremely high temperatures. Rainfall of measurable amounts was rather infrequent with the average precipitation for the State much below the normal. Snowfall was of no consequence with the average amount being only about 1/10 of the normal for the month. There was a notable absence of winter storms and of storms of any severity. The mild weather had an overall favorable effect on farm activities and crop growth.

The month opened rather warm and although there was considerable fluctuations in temperatures, levels remained at normal or above for the first 15 days. Several locations recorded their highest temperature for the month in the period of the 1st through the 3rd. A change to colder came about on the 16th, due to an area of high pressure with moderately cold weather moving across the district from the northwest. On the mornings of the 17th and 18th, temperatures dropped to their lowest readings for the month at nearly all stations. This short cold spell was followed by another warm period, continuing from the 19th through the 22nd, with several stations recording their maximum temperatures during this interval. After one day of below normal readings, temperatures again were mild and continued so to the end of the month. Maximum temperatures for the month ranged between 59° and 69°, and minimum temperatures were between 11° and 21° at all stations in the State. The mean temperature for the State was 41.4° which is 4.0° above normal. The monthly mean temperature ranged from 44.4° at Murray to 37.9° at Covington WB Airport and St. John Bethlehem Academy. The highest temperature for the month was 69° at Hindman Settlement School on the 3rd;

the lowest was 11° at Princeton and Williamstown on the 17th and Mt. Sterling on the 18th.

The total amount of precipitation for the month, a combination of rain and some snow, was below normal in all sections except in the extreme southeast. Precipitation was rather infrequent during the month with average measurable amounts occurring only on 11 days. The most pronounced periods when precipitation was more or less general and heaviest were the 11th - 12th, and 20th - 21st. Total amounts for the month were generally less than 1 inch in the north central section, 3 to 5-1/2 inches in the extreme southeast, and 1 to 3 inches in the rest of the State. Snowfall was reported mainly on the 12th and 13th and the period 15th - 17th, but amounts were generally light. The average precipitation for the State was 2.09 inches which is 1.40 inches below normal. The total amounts recorded at the various locations ranged from 5.43 inches at Middlesboro to 0.78 inch at Carrollton Lock 1. The heaviest rainfall reported in any one day was 1.86 inches at Middlesboro on the 21st. The monthly average of snowfall was 0.4 inch which is 3.1 inches below normal. The greatest monthly amount of snowfall was 10.0 inches at Benham. The greatest depth on the ground was 5 inches at Benham on the 15th.

The weather conditions were generally favorable for farm activities. The mild temperatures and the numerous dry days allowed much work to be done and also accounted for good crop growth. Tobacco marketing was mostly completed at the beginning of the month. Principal activities were plowing and preparation of tobacco beds. Plowing was advanced more than usual. Pastures and grains showed good growth with pastures supplying feed in some southern counties by the end of the month. - W.S.



# SUPPLEMENTAL DATA

KENTUCKY  
FEBRUARY 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-09	10-49	50-99	100-199	200 and over	Total			
LEXINGTON WB AP	SSE	16	14.2	-	-	-	74	78	52	64	5	4	2	1	0	0	12	-	6.4	
LOUISVILLE WB AP	SW	13	9.6	46	SW	16	73	75	51	58	6	4	2	0	0	0	12	56	6.0	

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	34.1	74	3	1.91	-	-	1914	32.2	69	-2	4.14	7.2	11	1939	40.3	79	-5	8.03	4.0	14
1890	45.6	86	16	7.98	-	-	1915	41.9	75	13	1.74	0.2	8	1940	36.1	68	2	4.56	5.6	13
1891	42.2	76	0	4.72	-	-	1916	35.0	72	-4	2.99	5.0	9	1941	33.1	68	3	0.66	2.1	6
1892	42.2	70	11	2.92	-	-	1917	34.8	80	-9	3.51	4.7	8	1942	34.1	67	2	2.62	3.2	10
1893	37.7	70	3	4.40	-	-	1918	39.3	83	-8	2.04	0.6	7	1943	40.1	73	-5	1.81	1.3	7
1894	34.6	74	2	4.66	-	-	1919	38.6	69	12	1.79	1.1	9	1944	42.4	78	-2	4.59	2.7	12
1895	25.9	80	-18	0.66	-	-	1920	35.7	71	0	2.27	3.8	9	1945	38.9	78	-9	6.37	1.6	12
1896	37.4	81	-12	3.06	-	-	1921	41.3	77	11	3.20	8.9	19	1946	40.8	75	-3	5.23	2.6	11
1897	39.8	76	8	5.75	1.2	11	1922	41.3	76	4	3.58	0.8	10	1947	28.9	66	-3	0.54	5.0	5
1898	37.4	77	-3	1.61	2.6	6	1923	34.6	74	-4	4.67	1.6	10	1948	38.8	79	-5	5.01	9.5	11
1899	26.2	71	-33	3.97	10.8	11	1924	36.0	71	9	2.56	1.9	9	1949	43.0	79	0	5.35	0.1	9
1900	32.5	76	-9	4.68	7.0	12	1925	44.0	76	8	3.91	0.6	9	1950	40.0	79	-1	5.30	0.3	
1901	32.4	71	1	1.27	2.1	6	1926	41.1	70	4	3.14	1.4	19	1951	38.3	76	-32	4.53	5.5	
1902	27.9	69	-3	1.30	2.8	7	1927	45.6	81	15	2.65	4.2	11	1952	41.4	74	10	2.64	0.9	
1903	37.5	75	-16	7.28	6.1	9	1928	38.1	72	5	2.48	1.0	10	1953	41.4	69	11	2.09	0.4	
1904	35.2	75	-2	2.32	2.6	7	1929	31.2	68	-14	3.58	12.6	9							
1905	27.9	67	-16	2.44	3.9	9	1930	45.1	80	2	3.49	0.5	8							
1906	34.7	75	-12	1.81	5.9	7	1931	41.6	76	12	3.20	0.3	8							
1907	35.7	73	-10	3.06	7.6	9	1932	46.7	82	15	3.36	T	8							
1908	35.6	70	2	5.56	3.1	13	1933	37.5	75	-9	4.25	4.4	12							
1909	42.4	75	-8	8.17	1.0	11	1934	31.8	72	-19	2.20	8.0	7							
1910	32.9	66	-12	4.70	11.9	10	1935	40.1	73	5	2.35	0.6	8							
1911	42.0	80	11	3.25	0.4	9	1936	32.1	79	-14	1.95	5.5	9							
1912	29.7	68	-14	3.08	3.3	7	1937	38.3	78	11	2.40	4.2	10							
1913	34.8	77	-2	2.94	1.4	7	1938	47.6	77	8	2.37	0.6	11							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
FEBRUARY 1953

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
																		Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
WESTERN DIVISION																							
REAVER DAM	53.8	31.6	42.7	4.8	65	20	18	17	616	0	0	18	0	1.65	- 1.79	.58	11	.0	0		4	1	0
FORDS FERRY DAM 50	53.8	32.8	43.3		65	20	17	17	603	0	0	16	0	1.75	- 1.37	.92	21	.0	0		6	1	0
GREENVILLE 2 W	54.7	30.8	42.8	3.5	65	20+	16	17	615	0	0	18	0	1.41	- 1.96	.56	11	.0	0		6	1	0
HENDERSON 4 SW	53.8	31.1	42.5	6.1	65	20	14	17	626	0	0	17	0	1.14	- 1.80	.60	20	.0	0		4	1	0
HICKMAN 1 E	53.3	32.4	42.9		67	28	20	17+		0	0	16	0	3.88		1.45	11	.0	0		9	4	1
HOPKINSVILLE 2 E	53.9	30.8	42.4	3.1	64	3+	19	17		0	0	20	0			1.45	12	.2	0		5		
LOVELACEVILLE	55.3	30.8	43.1	3.1	65	27	15	22	609	0	0	19	0	2.86	- 1.04			.0	0		5		
MADISONVILLE 1 SE	55.1	31.8	43.5		65	20	18	17+	599	0	0	18	0	1.34		.46	6	.0	0		5	0	0
MAYFIELD 2 S	54.6	32.5	43.6	3.5	64	20	17	17	596	0	0	15	0	2.94	- .41	1.23	11	.0	0		4	3	1
MURRAY	56.1	32.6	44.4	3.5	68	27	19	17	569	0	0	15	0	2.88	- 1.11	1.53	11	.0	0	12	4	2	1
OWENSBORO	53.2	31.5	42.4	6.0	65	9	17	17	625	0	0	18	0	1.24	- 1.61	.48	21	.0	0		7	0	0
PADUCAH CAA AIRPRT	51.8	31.6	41.7		64	2+	19	17	644	0	0	16	0	2.71		1.43	20	.0	0		5	2	1
PADUCAH	53.3	30.3	41.8	2.3	65	3	19	17+		0	0	19	0	2.36	- 1.26	1.07	21	.0	0		5	1	1
PRINCETON	55.3	27.9	41.6	2.8	66	20+	11	17	649	0	0	20	0	1.99	- 1.36	.55	11+	.0	0		4	3	0
RUSSELLVILLE	54.1	31.6	42.9	4.7	65	27	20	17	612	0	0	17	0	2.79	- .67	.83	21	.0	0		6	4	0
DIVISION														2.21				T					
CENTRAL DIVISION																							
ANCHORAGE	51.8	29.0	40.4	5.6	62	2+	12	17	681	0	0	18	0	.95	- 1.87	.33	21	T	0		6	0	0
BARDSTOWN S J PREP SCH	55.3	29.8	42.6		63	2+	15	17	623	0	0	19	0	1.76		.74	21	.0	0		8	1	0
BOWLING GREEN WR AP	51.9	30.6	41.3	2.7	64	20	21	17	657	0	0	19	0	2.43	- 1.56	.89	20	T	0		9	3	0
BURGIN OIX DAM	54.8	31.0	42.9	3.1	63	2+	17	17	611	0	0	17	0	1.31	- 1.89	.55	21	.0	0		4	1	0
CAMPBELLVILLE	54.2	28.6	41.4		63	10	15	17	653	0	0	19	0	1.72		.70	21	T	0		8	1	0
CARROLLTON LOCK 1	53.0	29.7	41.4		62	2+	15	17	654	0	0	19	0	.78	- 1.88	.45	21	.0	0		5	0	0
CLERMONT 1 SSE	55.4	28.7	42.1		65	10+	14	18	639	0	0	18	0	1.34		.45	21	.0	0		7	0	0
COVINGTON W B AIRPRT	47.8	28.0	37.9	4.0	60	20	13	17	754	0	1	19	0	1.05	- 1.50	.43	11	T	17		5	0	0
DANVILLE	50.5	28.5	39.5	3.3	62	3	18	17+		0	0	21	0	1.61	- 2.05	.71	21	T	0		8	1	0
FRANKFORT LOCK 4	51.6	26.9	39.3	2.5	63	3+	16	18+		0	0	22	0	.87	- 2.50	.54	21	.0	0		8	1	0
GREYFSBURG	51.4	27.9	39.7	2.6	64	11	18	18		0	0	21	0	1.98	- 1.63	.83	21	.0	0		5	2	0
IRVINGTON	53.4	31.2	42.3	5.4	64	2+	15	17	629	0	0	18	0	1.10	- 1.96	.28	11	.0	0		7	0	0
LEITCHFIELD	53.6	31.8	42.7	5.9	64	20	16	17	616	0	0	17	0	1.63	- 1.88	.60	21	T	0		6	1	0
LEXINGTON WR AIRPORT	49.4	29.4	39.4	4.9	60	2+	16	17	713	0	1	19	0	1.44	- 2.06	.55	20	T	17		7	1	0
LOUISVILLE WR AP	50.9	31.1	41.0	3.8	63	20	17	17	664	0	0	18	0	.87	- 2.12	.45	20	T	0		6	0	0
LOUISVILLE WR CITY	50.9	33.3	42.1	4.3	64	20	17	17	633	0	0	15	0	.82	- 2.17	.50	20	.0	0		4	1	0
MAAMOTH CAVE PARK	55.4	30.3	42.9	5.9	66	11	17	17+	614	0	0	17	0	2.74	- 1.38	1.04	21	T	0		7	3	1
ST JOHN BETHLEHEM ACAD	50.8	25.0	37.9	2.1	62	3	15	17		0	0	25	0	1.60	- 1.98	.67	21	.0	0		5	1	0
SCOTTSVILLE	55.5	32.6	44.1		65	9+	20	17	580	0	0	15	0	2.69		1.07	11	.0	0		8	2	2
SHELBYVILLE 2 W	52.6	29.4	41.0	5.8	62	20+	13	17	665	0	0	19	0	.94	- 2.68	.37	21	T	0		9	0	0
SOMERSET 1 N	53.0	29.3	41.2		62	2+	16	18	659	0	0	20	0					.0	0		10		
SUMMER SHADE	52.9	30.9	41.9		63	2+	19	17+	640	0	0	17	0	2.49		1.03	21	T	0		9	2	1
WILLIAMSTOWN	51.1	28.1	39.6	5.2	60	20	11	17	705	0	0	19	0	.99	- 1.91	.49	21	.0	0		6	0	0
WOLF CREEK DAM	53.7	31.8	42.8		66	3	20	23		0	0	18	0	2.85		1.15	21	.0	0		9	2	1
DIVISION														1.56				T					
EASTERN DIVISION																							
ASHLAND DAM 29	52.6	32.0	42.3	5.3	59	16+	17	18	627	0	0	15	0	1.53	- 1.77	.42	12	.5	T	13+	12	0	0
BARBOURVILLE	56.3	29.4	42.9		65	2+	13	18	615	0	0	19	0	3.91		.87	20	3.0	T	15	11	0	
BAXTER	51.1	27.9	39.5		63	11	16	18+		0	0	21	0	4.13		1.25	21	.7	1	15	13	3	2
BENHAM	52.9	28.3	40.6		65	1	15	18		0	0	20	0	4.81		1.56	21	10.0	5	15	16	4	1
BEREA COLLEGE	52.6	30.8	41.7	3.8	63	10	19	17+	645	0	0	19	0	2.41	- .84	1.14	21	T	0		7	1	1
CORBIN CAA AIRPRT	52.4	28.4	40.4		62	2+	14	18	682	0	0	21	0	3.41		1.20	20	1.8	1	15	11	3	1
CYNTHIANA 2	51.9M	28.9M	40.4M		61	20	16	17	709	0	0	21	0	.83		.37	21	T	0		4	0	0
FARMERS	54.0	27.5	40.8	4.0	62	2	12	18	671	0	0	18	0	2.01	- 1.08	.93	21	T	13		11	1	0
GRAYSDN	52.7	26.5	39.6		64	19	12	18	704	0	0	22	0	1.57		.67	21	T	0		9	1	0
HEIDELBERG LOCK 14	55.6	28.2	41.9	4.2	64	3	12	18	638	0	0	19	0	2.12	- 1.56	1.01	21	T	0		9	1	1
HINDMAN SETTLEMENT SCH	53.9	25.3	39.6		69	3	12	18		0	1	23	0	2.66		1.04	21	.3	0		9	1	1
INEZ										0								.0	0		7		
MANCHESTER 4 SE	55.3	29.2	42.3		65	2+	13	18	632	0	0	19	0	3.12		1.21	21	3.0	T	16	6	3	1
MAYSVILLE DAM 33	49.6	26.3	38.0	3.4	61	21	15	18		0	0	22	0	1.39	- 1.79	.53	21	.3	T	16+	10	1	0
MIDDLESBORO	55.9	30.3	43.1	3.3	67	10	14	18	608	0	0	16	0	5.43		1.86	21	3.2	2	15	12	4	3
MOUNT STERLING	53.1	29.3M	41.2M	6.6	60	2+	11	18	680	0	0	17	0	2.13	- 1.49	.73	21	T	0		6	2	0
PIKEVILLE	55.4	32.8	44.1	5.6	64	19	18	18	578	0	0	15	0	2.55	- .84	.74	15				9	2	0
RICHMOND E STATE COL	49.6	30.0	39.8	2.8	60	3+	20	17+		0	1	19	0	2.26	- 1.08	.89	21	T	0		9	2	0
VANCEBURG DAM 32	53.0	28.3	40.7		61	20	14	18	676	0	0	21	0	1.38	- 2.00	.48	12	.0	0		12	0	0
WEST LIBERTY WATER WKS	52.4	25.8	39.1		64	3	15	18+		0	0	24	0	2.00		.85	21	T	0		8	1	0
WILLIAMSBURG										0								.0	0		11		
DIVISION														2.61				1.1					
STATE														2.09	- 1.40			.4					

# DAILY PRECIPITATION

 KENTUCKY  
FEBRUARY 1953

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADOLPHUS OAN 45	1.80	.05										.19	.21			.05						.05	1.05							.05		
ADOLPHUS 1 N	2.70	.05				.13						.47	.65			.10						.05	.97				.08	T				
ALBANY	3.97	.12				.07					.11	.19	.94			.33						.20	1.60				.07	.08				
ALLEN	2.30						.38					.20	.23			.35						.03	.67									
ANCHORAGE	.95					.08						.29	T			.02					T	.22	.33				.01	T				
ASHCAMP	3.44	T					.49					.12	.29			1.16	T				T	1.16							.10	.12		
ASHLAND OAN 29	1.53	.15				.04	.12					.02	.42	.03	.02	.15	.14	T			T	.40	.01					.03				
BARBOURVILLE	3.91	.02			.25	.52	.03					.77	T			.57					.87	.85			T	T	.03					
BARSTOWN S J PREP SCH	1.76	.04				.41						.28	.21			.01					.05	.74				.02	T					
BAKTER	4.13	.05			.07		.70					.05	1.05	.02		.45	.20	T			.05	1.25				.04	.10		.10			
BEAVER OAM	1.65						.48					.58									.30	.29			T	T	T					
BERMAN	4.81	T			.09	.09	.80					.03	.77	.06	.10	.80	.03	.02	.01		.14	1.56				.07	.11		.13			
BEREA COLLEGE	2.41					.18						.26	.33			.27					.19	1.14			T	T	.04	T				
BEREA WATER WORKS	2.43	.02				T	.17					.08	.60			.38	T	T			T	1.12				.04	.02					
BOWLING GREEN	2.59			.04		.72						.12	.65			.05					.04	.93					.04					
BOWLING GREEN SUBSTA	2.89	.05					.67					.18	.83			.05					.08	.96					.07	T				
BOWLING GREEN WB AP	2.43		T		.15	.51					.01	.81	T		.01					.02	.89			.02		.01						
BRENT OAM 36	1.24					.05						.22	.04	.22	T	.02					T	.68					.01					
BROWNVILLE LOCK 6	2.77					.73						.29	.61			.10					.05	.90					.09					
BUROINE 2 NE	3.03	T			T			.41				.05	.45	T	T	.65			.15		.25	.92					.05		.10			
BURGIN OIK OAM	1.31	.05				.28	T					T	.43	T	T	T	T				T	.55										
BURKESVILLE	3.08	.15	T		.06	T	.15	.06	T		T	.16	.78	T	T	.28	T				.15	1.16	T			.07	.06	T				
BURNSIDE	3.67	.13				.11	.30					.06	.64			.45	.04				.20	1.63				T	.11					
CA012 LOCK E	3.05	.04				.40						.73	.57			.38					.12	1.12				.07						
CAMPBELLVILLE	1.72	T				.32						.37	.20			.06	T				.02	.70			T	.04	.01					
CARROLLTON LOCK 1	.78					.05						.15	.05			.08						.45										
CLERMONT 1 SSE	1.34					.29						.38	.07			.03					.05	.45			T	.07						
COLLEGE HILL LOCK 11	2.10	.08				T	.17					.12	.53			.27					T	.85				.05	.03					
COLUMBIA	1.58					.10	.20					.10									.08	.05	.85				.20					
CORBIN CAA AIRPORT	3.41	.01		.07		.54						.54	.12		.09	.37				T	1.20	.40			.01	.06	T	T				
COVINGTON W B AIRPORT R	1.05				T	T				T		.43	.02	T		.05	T				.37	.18			T	T	T					
CUMBERLAND FALLS ST PK	3.37	.12			.07		.37					.59				.50					1.50	.10					.12					
CYNTHIANA	.91	.05				.03						.20	.18	T		.03	T				.40					.02	T					
CYNTHIANA 2	.83	T				.07						.32	T			.37					T	.37			T	T						
DANVILLE	1.61	.03				.17	.03					.08	.48	T		.08	T	T			T	.71				.03	T					
DELFIA 1 E	3.19	.01		.01	.05							.05	.49			.86					.48	.64					.06			.10		
DEMA	3.09					.65						.15	.35			.68					.61	.44					.10	.11				
DEWEY OAM	2.09	T				.18						.10	.51	T		.30		.11	T		T	.85				T	T					
OUNOEE BARRETT'S FORO BR	1.72					.46						.18	.32								.16	.60										
OUNMOR	1.63	.04				.25						.33	.40								.04	.54			.03							
DUNNVILLE	1.99											.20	.60			.26					.23	.70				T	T					
EDDYVILLE LOCK F	2.03	.03		.01		.46	.05					.50	.24			.01		.10	.02	.02	.29	.49										
EDMONTON	2.35	.05				.25	.05					.10	.66								.98											
ELKHORN CITY	3.62	.01		.05		.08	.56	.02				.28	.12	T	.05	T	.95	.14	.02	.02	.10					.01	.06	.06		.10		
FALMOUTH	1.05	T										.23	.12	T		.04					.08	1.11				.03	.02	T				
FARNERS	2.01	.15				.08	.05					.17	.37	T		.16	.01	T			.02	.93				.05	.02	T				
FLENINGSBURG	1.36	.04				.16	.02					.11	.16	.01		.17	T				.07	.62										
FORD LOCK 10	1.61	.10				.06	.12					.06	.43	T		.13					T	.63				.03	.05					
FORDS FERRY OAN 50	1.75	T				.31						.20	.05	T		.01					.26	.52										
FRANKFORT LOCK 4	.87	.04				.02						.12	.08			.02						.54				.03	.02					
FRANKLIN WATER WORKS	2.75					.67	T					.47	.54								1.07					T						
FREEBURN	-					-						.22	.49			-					.78	1.18										
FRENCHBURG	2.27	.13				.15						.08	.48	.02		.31	.01	T	T		.04	.94				.03	.07	.01	T			
GEORGETOWN WATER WORKS	1.02	T				.11						.15	.21			.04					.44					.05	.02					
GEST LOCK 3	.91					.10						.16	.09			.02					.50					.04	T					
GLASGOW	2.09	.02				.44						.12	.55			.15					.05	.70				.06						
GLENDALE	1.83	.02				.02						.10	.42			-										T	.03					
GRANT OAN 38	1.57	.07				.03	.11					.21	.20	T		.23		T				.67				.02	.03					
GRAYSON	1.98					.40																										

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
FEBRUARY 1953

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ST JOHN BETHLEHEM ACADEMY	1.600						.38					.15	.35	T		.05				T		.67					T						
SALVISA LOCK 6	1.222	.01					.16					.08	.33			.05					.01	.52					.04	.02					
SALVERSVILLE 2		RECORD MISSING																															
SCOTTSVILLE	2.669			.04			.38					1.07	.05			.06						1.02				.03	.04		T				
SEBREE WATER WORKS	1.600	T					.37			T		.26	T							T	.29	.68							T	T			
SHAWNEE STEAM PLANT	1.993	.03					.61					.45	.10								.41	.53											
SHELBYVILLE 2 W	.94	.05					.18					.15	.10	.01		.01			T		T	.37					.06	.01					
SHEPHERSVILLE	.96						.15					.11	.16								.06	.45						.03					
SOMERSET 1 N	-	.06			T		-	.02				.37	.40		.02	.36					.52	1.10					.04						
SPRINGFIELD	1.552	T					.32					.13	.37			.06		T				.64					T	T					
STEARNS 2 N	4.02				.46			.16				.09	.77			.48					.38	1.54						.07	.07				
SUMMER SHADE	2.449	.05		.02			.29					.74	.11								.21	1.03			.02			.02					
SUMMER SHADE SUBSTA	2.687	.10			T		.26	.14				.20	.75			.19		T			.11	1.05					.07						
TAYLORSVILLE	1.229	.04					.21					.05	.22								T	.77						T					
TOMPKINSVILLE 2	3.112	.14			.04		.17	.12				.24	.75			.23					.21	1.10					.06	.06					
TURKEY CREEK SCHOOL	3.930	.15			.03		.35					.81	.62							.02	.17	1.07					.07	.01					
TYRONE LOCK 5	1.118	.02					.15	T				.05	.26			.06					T	.58					.03	.03					
UNIONTOWN DAM 49	1.117						.07					.17	.02			T					.23	.68					T	T					
VALLEY VIEW LOCK 9	1.550	.09					.14	T				T	.48	T		.10		T			T	.69					T	T					
VANBUREN	1.222						.28					.08	.25								T	.52					.04	.05					
VANCEBURG DAM 32	1.338						.03	.03				.05	.48	.02		.19	.01					.44	.01				.03	.05	.04				
WAYNESBURG 6 E	2.882	.05					.18					.13	.75			.29	.05				.07	1.25						.05					
WEST LIBERTY WATER WKS	2.000						.05	.15				.12	.43	T		.22					.10	.85					T	.08					
WESTPORT	1.277						.10					.25	.10			.10						.72					T	T					
WILLIAMSBURG	-	-					-					.28	.59			.60	.02			.01	.73	.97					.09			.01			
WILLIAMSTOWN	.999						.07					.30				.02					.08	.49					.03						
WILLOW LOCK 13	2.664						.11	.10				.12	.49			.55						1.22					.02	.03					
WOLF CREEK DAM	2.885	.13			T		.13	.12					.81			.25					.14	1.15					.06	.06					
WOODBURY LOCK 4	1.655	T					.35					.26	.43			.05					.01	.49					.06						



# DAILY TEMPERATURES

KENTUCKY  
FEBRUARY 1953

Table 5

Station	Day Of Month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	45 28	62 26	43 33	46 20	57 25	53 36	53 26	54 23	59 27	59 38	56 44	50 33	44 29	52 24	42 29	58 25	34 12	56 18	58 35	62 47	60 27	38 17	56 23	50 31	47 35	53 40	52 41	50 20			51.8 29.0
ASHLAND OAM 29	MAX MIN	53 37	55 22	51 34	44 29	50 25	49 47	48 33	51 39	53 28	51 28	51 37	57 38	47 34	58 25	52 38	59 24	54 22	54 17	59 27	54 49	59 39	55 24	55 20	52 37	55 43	57 43	52 37			52.6 32.0	
BARBODURVILLE	MAX MIN	56 43	65 24	61 28	50 29	58 19	56 44	50 30	55 23	62 21	65 35	62 40	55 31	43 31	53 19	51 30	56 20	55 23	55 13	62 25	62 46	63 38	45 23	53 17	53 29	52 37	55 39	62 41	60 25			56.3 29.4
BARDSTOWN S J PREP SCH	MAX MIN	51 31	63 26	63 37	45 21	59 24	57 39	52 26	54 40	60 32	63 40	63 45	55 32	43 29	52 24	51 31	56 25	56 18	56 15	59 35	63 49	63 27	50 19	55 23	56 31	49 36	53 40	53 42	53 21			55.3 29.8
BAXTER	MAX MIN	56 35	55 28	56 29	57 31	49 22	57 23	47 22	51 34	50 26	58 34	63 25	57 37	45 44	40 22	50 22	42 22	52 36	49 16	55 32	62 44	48 27	40 18	50 51	46 32	50 39	52 30	59 28			51.1 27.9	
BEAVER DAM	MAX MIN	50 30	63 28	55 36	51 24	57 30	56 38	53 28	55 24	63 29	63 45	57 48	49 32	44 30	51 27	45 29	57 28	35 18	59 22	58 36	65 50	61 27	47 20	56 32	48 34	53 38	58 39	51 39	51 25			53.8 31.6
BENHAM	MAX MIN	65 42	62 25	62 27	59 27	45 22	55 23	48 34	50 24	50 26	59 32	63 33	57 43	44 31	45 32	46 30	52 20	50 21	35 15	44 17	45 31	60 45	38 24	54 16	54 22	44 34	54 34	52 38	59 24			52.9 28.3
BEREA COLLEGE	MAX MIN	47 35	62 25	49 38	44 28	58 50	51 36	59 26	51 26	59 31	63 40	57 47	55 32	42 26	52 30	41 26	57 28	52 19	54 19	58 30	61 51	60 29	38 21	54 26	49 34	52 36	53 40	54 36	52 26			52.6 30.8
BDWLING GREEN WB AP	MAX MIN	51 32	62 28	45 31	48 26	59 28	54 35	54 30	55 26	61 28	61 42	57 38	38 31	43 28	49 25	43 29	56 27	36 21	55 23	57 36	64 46	47 26	40 23	53 22	48 37	49 37	53 39	63 53	53 27			51.9 30.6
BURGIN DIX OAM	MAX MIN	52 35	63 26	63 35	46 24	57 45	55 45	51 28	53 25	61 29	61 38	60 44	57 34	42 30	54 26	50 32	57 26	56 17	55 19	57 34	61 50	60 30	47 21	57 24	52 31	50 36	53 40	54 41	50 25			54.8 31.0
CAMPBELLSVILLE	MAX MIN	53 33	62 27	56 33	48 22	59 24	56 29	53 26	58 23	62 25	63 39	58 43	56 30	42 26	50 24	49 30	56 24	44 15	55 18	60 33	62 47	62 30	40 19	55 21	47 30	49 35	53 36	58 36	51 24			54.2 28.6
CARROLLTON LOCK 1	MAX MIN	52 31	62 31	57 31	45 21	55 24	54 40	53 26	54 22	54 25	57 31	57 40	56 34	43 30	51 26	48 29	56 27	47 15	57 23	62 34	62 48	52 28	38 19	52 27	52 30	46 36	53 42	57 40	49 25			53.0 29.7
CLERMONT 1 SSE	MAX MIN	49 29	64 22	57 36	48 18	60 21	59 39	53 29	56 20	62 21	65 40	61 45	55 33	46 20	52 30	48 31	58 22	52 15	58 14	61 39	65 49	63 29	41 15	58 22	50 29	49 35	55 39	55 42	51 19			55.4 28.7
CORBIN CAA AIRPORT	MAX MIN	51 30	62 26	55 31	47 25	56 22	51 41	49 28	51 22	59 22	62 37	58 46	56 32	40 23	50 19	42 27	55 22	33 18	53 28	59 28	61 49	62 29	38 21	52 16	46 30	50 38	54 37	60 38	54 24			52.4 28.4
COVINGTON W 8 AIRPORT	MAX MIN	44 24	56 30	46 23	44 20	53 29	50 35	48 28	49 24	53 23	50 34	55 36	36 32	37 28	48 25	41 27	51 21	29 13	52 18	53 36	60 48	59 25	33 19	52 26	51 23	45 33	49 39	51 34	44 25			47.8 28.0
CYNTHIANA 2	MAX MIN	49 31	59 23	57 31	43 26	56 21	51 40	50 23	52 21		56 32	54 42	54 32	41 30	52 24	49 31	55 24	46 16	53 17	57 33	61 41	60 30	38 20	55 25	53 29	48 35	52 40	51 35	50 40			51.9 28.9
DANVILLE	MAX MIN	53 35	46 26	62 27	48 22	45 22	57 30	45 29	50 29	54 29	61 31	61 39	55 33	35 30	42 26	51 29	44 27	55 18	35 18	55 22	35 37	61 32	40 22	50 22	56 28	50 35	49 36	53 40	55 25			50.5 28.5
FARMERS	MAX MIN	56 35	62 25	61 27	45 28	58 20	57 41	50 27	52 22	57 22	57 29	56 37	57 33	40 31	54 18	45 33	57 22	55 17	55 12	58 24	60 35	61 26	42 21	55 16	54 23	52 35	52 41	53 42	53 23			54.0 27.5
FORDS FERRY DAM 50	MAX MIN	48 30	64 30	59 30	47 27	62 35	58 38	53 31	58 29	63 33	59 41	59 44	45 33	41 31	51 30	48 29	56 29	37 17	59 27	60 39	65 51	54 26	42 21	55 29	50 33	48 40	55 37	60 41	49 28			53.8 32.8
FRANKFORT LOCK 4	MAX MIN	57 34	46 26	63 26	43 23	48 23	56 23	49 27	52 24	56 24	61 27	60 38	58 34	38 31	45 24	52 24	45 28	57 18	56 16	59 16	63 32	59 34	41 23	40 22	57 25	52 30	49 36	53 41	54 25			51.6 26.9
GRAYSON	MAX MIN	48 31	60 19	51 31	43 17	58 17	50 35	48 29	54 31	54 21	55 25	56 30	55 35	38 29	55 17	43 28	58 21	55 19	54 12	64 22	58 32	60 34	39 24	55 17	54 27	51 35	54 42	50 23			52.7 26.5	
GREENSBURG	MAX MIN	55 36	49 27	62 27	49 25	46 24	60 24	47 27	51 24	54 25	59 29	64 40	57 34	37 31	43 23	50 28	44 24	57 20	35 18	55 22	60 34	62 33	40 23	40 20	54 32	48 32	49 38	54 40	59 26			51.4 27.9
GREENVILLE 2 W	MAX MIN	50 30	64 27	56 35	49 25	56 34	54 36	55 26	57 22	61 28	62 43	55 50	55 31	55 32	49 23	49 27	58 31	40 16	59 22	58 38	65 49	65 26	42 17	56 25	49 32	45 38	54 37	60 40	53 23			54.7 30.8
HEIDELBERG LOCK 14	MAX MIN	54 39	62 23	64 29	53 30	58 18	55 36	51 30	53 21	60 22	59 30	59 39	57 34	43 32	52 17	52 35	59 20	56 22	55 12	60 25	61 40	61 38	44 22	56 15	54 28	53 37	55 41	57 31	53 24			55.6 28.2
HENDERSON 4 SW	MAX MIN	48 28	63 27	58 33	50 24	58 33	57 39	57 24	57 33	62 39	60 45	59 34	57 32	45 34	50 32	48 28	55 18	36 24	58 15	64 25	65 36	62 48	40 24	57 18	49 33	45 39	55 39	54 40	49 26			53.8 31.1
HICKMAN 1 E	MAX MIN	52 32	50 30	52 30	50 29	48 28	56 32	63 36	62 35	60 35	63 40	58 48	58 30	42 28	46 30	50 30	50 34	56 20	38 25	59 40	59 42	60 23	40 20	43 26	55 33	50 40	50 38	55 42	67 30			53.3 32.4
HINOMAN SETTLEMENT SCH	MAX MIN	68 30	52 23	69 24	56 28	45 18	57 19	51 34	50 24	50 20	53 22	58 31	60 39	44 32	41 27	54 18	57 19	55 22	30 12	55 15	62 27	60 41	53 17	55 15	52 18	52 30	57 39	53 37	59 26			53.9 25.3
HOPKINSVILLE 2 E	MAX MIN	52 32	50 30	64 32	44 26	53 31	57 38	58 30	58 25	62 32	60 40	58 46	52 38	42 30	45 26	52 29	55 27	57 19	40 21	58 38	59 45	64 26	40 20	43 22	55 28	58 36	48 36	54 36	63 27			53.9 30.8
INEZ	MAX MIN	45 36	50 26	60 32	59 29	58 32	60 35	55 28	53 24	63 28	64 29	59 28	59 24	43 25	55 23		58 26	37 17	56 15	58 38	64 51	61 27	41 18	57 26	46 32	47 36	53 40	55 43	51 23			53.4 31.2
IRVINGTON	MAX MIN	48 30	64 27	50 37	49 24	58 29	54 38	58 28	57 25	62 30	46 43	57 47	49 33	46 30	50 27	45 28	58 27	37 15	56 21	58 38	64 51	61 27	41 18									

# DAILY TEMPERATURES

KENTUCKY  
FEBRUARY 1953

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYFIELD 2 S	MAX MIN	50 31	63 30	58 36	54 26	61 35	61 34	56 32	58 29	63 37	58 46	58 46	50 31	44 28	49 29	47 27	55 34	39 17	56 26	58 39	64 49	56 23	42 20	55 27	51 35	47 39	54 35	63 37	58 31				54.6 32.5
MAYSVILLE OAM 33	MAX MIN	58 35	48 22	59 23	38 29	44 20	58 20	47 27	49 25	52 23	54 22	51 30	56 35	36 32	41 22	51 22	39 23	55 17	33 15	54 17	57 36	61 46	46 21	37 20	55 23	54 30	48 36	52 42	55 22				49.6 26.3
MIDDLESBORO	MAX MIN	59 40	59 25	58 28	53 32	58 20	54 41	55 33	55 24	63 21	67 35	59 40	55 34	48 33	51 21	48 32	54 21	53 26	52 14	60 26	56 45	63 43	45 26	54 16	51 29	50 37	56 39	66 38	62 28				55.9 30.3
MOUNT STERLING	MAX MIN	47 22	60 35	56 35	44 26	58 29	51 38	51 28	51 26	58 27	60 35	55 41	54 32	47 29	53 23	49 33	56 24	51 13	53 11	56 33	60 43	60 32	45 20	55 23	53 32	51 35	52 39	52 38	49 24				53.1 29.3
MURRAY	MAX MIN	51 34	66 29	52 33	53 28	63 32	60 38	60 30	62 26	64 31	59 44	58 49	55 34	48 29	50 28	48 29	57 33	40 19	60 25	60 42	65 51	60 25	45 20	57 25	49 36	47 40	58 38	68 23	57 25				56.1 32.6
OWENSBORO	MAX MIN	50 29	63 27	55 30	51 25	55 31	54 37	54 29	56 27	65 32	62 45	58 47	49 33	43 30	50 28	44 28	55 29	35 17	57 24	59 38	64 49	61 25	39 20	56 28	54 33	45 38	54 40	54 39	48 25				53.2 31.5
PAOUCAH CAA AIRPORT	MAX MIN	46 31	64 29	43 33	52 27	60 34	53 35	55 30	58 29	62 33	55 50	58 36	62 32	44 31	49 31	45 30	54 25	37 19	57 30	57 40	64 33	46 24	41 20	55 27	48 35	49 38	54 36	62 39	23 28				51.8 31.6
PAOUCAH	MAX MIN	53 32	48 30	65 31	54 28	53 27	62 38	54 30	55 26	59 25	64 33	57 49	59 34	46 31	51 29	59 29	46 30	55 19	38 24	59 33	59 41	64 26	37 22	43 19	56 27	50 34	49 37	55 36	63 28				53.3 30.3
PIKEVILLE	MAX MIN	55 44	61 27	58 31	50 33	59 22	52 46	51 38	57 30	63 25	63 40	60 37	56 36	45 34	57 23	46 33	56 25	40 18	58 28	64 48	60 35	63 44	42 30	58 21	47 31	58 40	57 43	60 43	56 30				55.4 32.8
PRINCETON	MAX MIN	51 30	61 24	58 32	54 21	61 24	61 33	57 21	60 20	62 25	59 42	58 41	43 32	47 28	50 21	47 25	56 28	37 11	60 18	59 35	66 50	49 25	44 13	57 18	55 31	48 40	55 33	66 39	56 22				55.3 27.9
RICHMONO E STATE COL	MAX MIN	55 34	52 26	60 29	48 24	42 24	56 35	45 29	47 24	51 30	57 37	58 39	55 32	35 30	43 24	51 33	47 28	55 20	32 20	53 29	56 41	60 32	38 22	36 25	53 32	49 36	50 39	51 40	53 26				49.6 30.0
RUSSELLVILLE	MAX MIN	50 30	60 31	54 33	50 25	59 27	56 33	55 29	57 24	63 29	62 43	58 52	55 33	43 30	50 26	48 29	58 27	39 20	59 23	58 39	64 48	50 29	41 21	55 26	47 34	49 39	55 38	65 40	55 27				54.1 31.6
ST JOHN BETHLEHEM ACAA	MAX MIN	55 28	45 23	62 24	44 20	46 20	57 26	50 24	58 24	54 20	60 22	61 38	56 30	36 27	44 22	50 26	42 22	58 15	34 20	54 21	59 32	61 25	39 25	40 22	56 28	45 29	48 33	52 36	55 19				50.8 25.0
SCOTTSVILLE	MAX MIN	54 36	64 30	63 36	50 24	60 28	56 41	53 28	55 25	65 29	65 41	56 51	54 33	44 31	50 28	48 33	58 30	53 20	56 22	61 40	64 51	62 30	40 22	54 24	48 35	49 39	55 39	63 41	55 26				55.5 32.6
SHELBYVILLE 2 W	MAX MIN	48 30	60 25	55 36	46 20	57 28	54 39	52 28	54 23	59 29	58 36	55 44	55 32	43 29	51 34	48 29	56 26	41 13	55 27	58 33	62 47	62 25	38 19	55 24	49 31	47 35	52 39	53 40	49 22				52.6 29.4
SOMERSET 1 N	MAX MIN	50 39	62 26	55 31	48 26	56 24	54 27	53 26	53 24	60 25	62 39	56 46	55 31	40 29	52 21	52 33	55 23	50 21	53 16	50 32	58 21	55 15	44 21	51 18	47 31	51 36	53 37	58 37	52 24				53.0 29.3
SUMMER SHADE	MAX MIN	50 38	63 29	50 35	48 25	58 40	52 28	51 23	61 28	63 29	53 41	56 51	55 33	43 30	50 25	45 33	56 30	38 25	59 19	60 15	61 50	59 29	40 21	52 20	46 33	49 37	53 36	62 38	52 25				52.9 30.9
VANCEBURG OAM 32	MAX MIN	50 32	56 23	47 31	45 27	58 23	52 39	50 30	53 26	59 23	51 30	57 34	57 35	47 31	53 23	48 28	56 22	54 18	54 14	57 30	61 39	60 23	37 22	55 22	55 29	52 37	53 36	57 38	49 26				53.0 28.3
WEST LIBERTY WATER WKS	MAX MIN	52 30	50 30	64 26	57 28	55 30	52 28	50 25	51 22	53 20	62 21	59 35	56 30	46 30	42 17	55 20	44 20	58 17	37 15	55 22	57 23	62 40	40 22	40 15	58 20	51 30	53 30	55 38	54 28				52.4 25.8
WILLIAMSBURG	MAX MIN										68 38	58 48	56 31	44 32	51 22	52 25	56 27	52 24	52 17	60 30	61 46	61 38	41 24	53 18		51 38	62 43	64 27	57 27				
WILLIAMSTOWN	MAX MIN	49 29	57 21	56 33	40 20	54 24	53 38	50 31	50 27	50 20	50 32	53 36	53 30	39 28	50 25	48 28	53 22	52 11	52 17	55 35	60 44	58 28	36 16	54 24	56 34	48 34	51 39	54 39	50 21				51.1 28.1
WOLF CREEK OAM	MAX MIN	55 43	53 32	66 32	54 32	50 28	59 28	51 34	54 27	56 28	60 30	62 42	60 38	40 38	44 27	51 29	44 27	58 27	39 21	58 22	60 39	62 40	45 26	43 20	55 31	50 36	54 41	56 42	64 30				53.7 31.8

## EVAPORATION AND WIND

Table 6

Station		Day of month																																Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
WOLF CREEK DAM	EVAP WIND	.03 27	.04 33	.06 14	.01 16	.01 18	.06 105	.05 22	.06 15	.07 29	.12 20	.06 29	.03 76	.01 74	* 30	.21 25	.18 80	.06 108	* 49	.12 17	.18 103	.17 97	* 58	* 19	.25 10	.02 13	.05 33	.12 65	.16 69				2.13 1254	

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
FEBRUARY 1953

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ASHLAND DAM 29	SNOWFALL SN ON GND	T												.3 T	.2 T				T T														
BENHAM	SNOWFALL SN ON GND	T			1.0 T									T	T	8.0 5	2	1.0 1										T					
BOWLING GREEN WB AP	SNOWFALL SN ON GND												T					T															
CORBIN CAA AP	SNOWFALL SN ON GND												T			1.8 1		T															
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV												T	T		T		T T				T											
DANVILLE	SNOWFALL SN ON GND												T						T	T													
FARMERS	SNOWFALL SN ON GND													T T				T															
HEIDELBERG LOCK 14	SNOWFALL SN ON GND												T																				
HINDMAN SETTLEMENT SCH	SNOWFALL SN ON GND															.3																	
HOPKINSVILLE 2 E	SNOWFALL SN ON GND				.2																												
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV												T			T		T T															
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV												T					T															
MAMMOTH CAVE PARK	SNOWFALL SN ON GND												T													T							
MAYSVILLE DAM 33	SNOWFALL SN ON GND																.3 T	T T															
MIDDLESBORO	SNOWFALL SN ON GND															3.2 2																	
OWENSBORO	SNOWFALL SN ON GND																																
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND												T																				
PIKEVILLE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

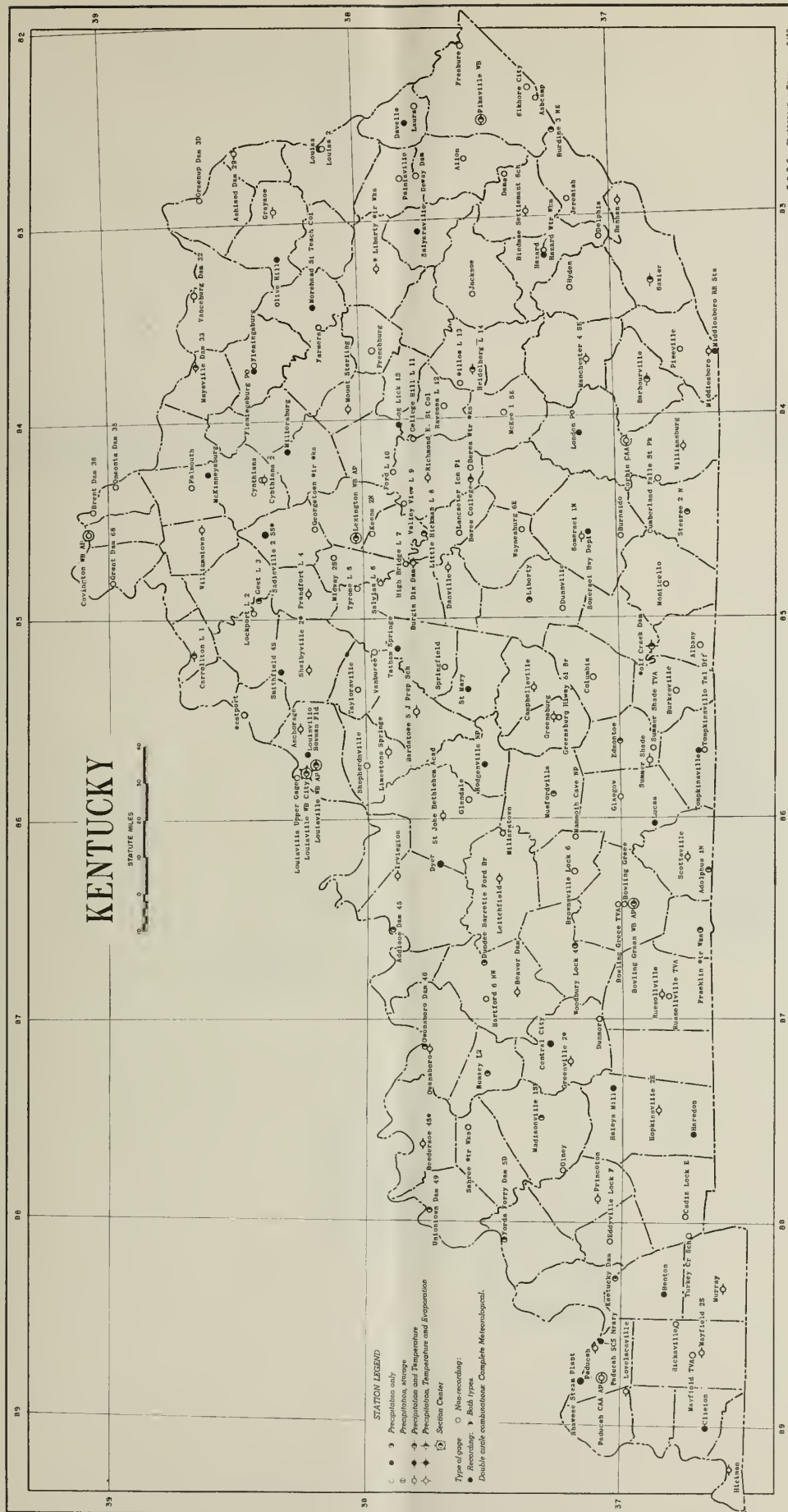


## STATION INDEX

KENTUCKY  
FEBRUARY 1953

Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADDISON DAM 45	0031	BRECKENRIDGE	7	37 55	86 34	380	6A	CORPS OF ENGINEERS	3	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	480	7A	CORPS OF ENGINEERS	3
ADOLPHUS 3 N	0043	ALLEN	3	36 39	86 16	600	7A	IDELL M. DEARING	3	LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	565	6A	CORPS OF ENGINEERS	3
ALBANY	0063	CLINTON	2	36 41	85 08	950	7A	MRS. BARBARA M. COOL	3	LOCKPORT 1 S	4882	CLARK	4	37 51	84 02	—	10	MRS. H. BURGER	3
ALLEN	0095	FLOYD	1	37 35	82 43	450	6P	NANNIE AUBREY	3	LOUISIANA 3 SW	4893	LAUREL	2	37 06	84 08	—	10	U. S. FOREST SERVICE	3
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	7P	C. E. BARRETT	2 3 5	LOUISIANA	4943	LAWRENCE	1	38 07	82 37	584	6A	JULIUS M. RANKIN	3
ASHCAM	0246	PIKE	1	37 16	82 26	1100	6A	MARY S. RATLIFF	3	LOUISIANA 2	4946	LAWRENCE	1	38 07	82 37	600	7A	FRED PERRY	3
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	534	6P	CORPS OF ENGINEERS	2 3 5 7	LOUISVILLE BONMAN FLO	4951	JEFFERSON	7	38 11	85 40	558	10	CORPS OF ENGINEERS	3
BARTONVILLE	0381	KNOX	2	37 03	83 53	1000	6P	UNION COLLEGE	3	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 44	485	10	U. S. WEATHER BUREAU	2 3 5 7
BARTSTOWN S. J. PREP SCH	0397	NELSON	8	37 48	85 28	637	6P	ST. JOSEPH PREP SCH	3	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403	10	U. S. WEATHER BUREAU	2 3 5
BAXTER	0450	MARLAN	2	36 51	83 20	1164	7A	C. HONER NOLAN	2 3 5	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 15	85 46	457	10	U. S. WEATHER BUREAU	2 3 5
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P	E. G. YOUNG	2 3 5 7	LOVELACEVILLE	4967	BALLAR	6	36 58	88 50	370	6P	BLAINE MALONE	2 3 5
BENHAM	0595	MARLAN	2	36 58	82 57	1580	8A	C. C. WHITEAKER	2 3 5 7	LUCAS	5002	BARREN	3	36 53	86 02	—	10	WILLARD E. FOSTER	2 3 5
BENTON	0611	MARSHALL	4	36 51	88 10	450	6P	JAMES H. MILLER	3	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	435	5P	HOWER NELSON, JR.	2 3 5
BEEBA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	JAMES A. GROSSMAN	2 3 5	MAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	5P	NATIONAL PARK SVC	2 3 5 7
BEEBA WATER WORKS	0624	MADISON	4	37 34	84 16	1100	7A	MRS. L. B. GAFFARO	3	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	5P	NORA S. WHITE	2 3 5
BONLING GREEN	0904	WARREN	3	37 00	86 26	536	7A	JAMES R. EDWARDS	3	MAYFIELD SUBSTATION	5230	GRAVES	6	36 44	88 39	364	5P	TVA-5-A	3
BONLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	536	7A	TVA-639	3	MAYFIELD 2 S	5232	GRAVES	6	36 42	88 38	364	5P	MRS. JOE PAYNE	2 3 5
BONLING GREEN WB AP	0908	WARREN	3	36 58	86 26	535	MID	U. S. WEATHER BUREAU	2 3 5 7	MAYFIELD DAM 33	5243	NASON	7	38 38	83 42	524	6A	CORPS OF ENGINEERS	2 3 5 7
BRENT DAM 36	0978	CAMPBELL	7	39 02	84 25	489	7A	CORPS OF ENGINEERS	3	MC KEE 1 SE	5291	JACKSON	5	37 26	83 59	950	5P	MRS. WINNIE E. MORAN	3
CUMBERLAND LOCK 6	1046	EDMONSON	3	37 12	86 16	410	7A	STINSON SKAGGS	3	MC KINNEYSBURG	5301	PENDELTON	5	38 36	84 16	—	10	EDWARD C. GIFFORD	3
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1638	8A	EDWIN E. JOHNSON	3	MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	5P	LON L. HERRELL	2 3 5 7
BURKESVILLE	1127	DAIR	4	37 48	84 43	770	4P	C. W. WILLIAMS	2 3 5 6	MIDDLEBORO RR STA	5394	BELL	2	36 37	83 43	1130	5P	SNELSON C. PRIAR	3
BURNSIDE	1156	PULASKI	1	36 59	87 47	705	7A	MARVIN M. LEE	3	MIDWAY	5407	WOODFORD	4	38 09	83 41	—	10	CITY OF MIDWAY	3
CAZIE LOCK E	1206	TRIGG	2	36 46	87 58	424	7A	THOMAS A. LEWIS	3	MILLERSBURG	5430	BOURBON	5	38 18	84 09	—	10	DAVID O. BAILEY	3
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	777	6P	ALVA MC KINLEY	2 3 5	MILLERSTON	5439	GRAYSON	3	37 27	86 03	580	5P	MRS. O. M. LAWLER	3
CARRINGTON LOCK 1	1345	CARROLL	4	38 41	85 11	610	6P	CORPS OF ENGINEERS	2 3 5	MONTICELLO	5524	WAYNE	2	36 50	84 51	910	5P	A. O. COOPER	3
CENTRAL CITY	1435	MULLENBERG	3	37 17	87 07	—	MID	JAMES F. PRICE	3	MONTICELLO STATE COLLEGE	5525	NONAN	3	37 14	87 47	380	5P	ART D. WILLIAMS	3
CLEMONT 1 SSE	1611	BULLITT	8	37 55	85 40	476	5P	BERNHEIM FOUNDATION	2 3 5	MONTICELLO	5526	WAYNE	2	36 50	84 51	910	5P	FRED CARTMILL	2 3 5
CLINTON	1704	HICKMAN	3	37 41	86 00	310	5P	U. S. DEPT. OF COM.	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
CLOCK HILL LOCK 11	1704	HICKMAN	3	37 41	86 00	310	5P	U. S. DEPT. OF COM.	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
COLUMBIA	1801	WHITLEY	2	36 58	84 10	869	MID	U. S. WEATHER BUREAU	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
CORBIN CAA AIRPORT	1855	BOONE	5	38 04	84 40	869	MID	U. S. WEATHER BUREAU	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
COWHOGAN WB AIRPORT	1908	HARRISON	5	38 23	84 18	684	5P	CHARLES C. MULL	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
CUMBERLAND FALLS ST PK	1963	WHITLEY	2	36 58	84 10	869	MID	U. S. WEATHER BUREAU	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
CYNTHIANA	2003	HARRISON	5	38 23	84 18	684	5P	CHARLES C. MULL	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
CYNTHIANA 2	2003	HARRISON	5	38 23	84 18	684	5P	CHARLES C. MULL	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DANVILLE	2053	HARTIN	1	37 25	82 48	850	5P	HATTIE B. BARNEY	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DAVELLA	2130	KNOTT	1	37 25	82 48	850	5P	HATTIE B. BARNEY	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DELPHIA 1 E	2130	KNOTT	1	37 25	82 48	850	5P	HATTIE B. BARNEY	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DEMA	2130	KNOTT	1	37 25	82 48	850	5P	HATTIE B. BARNEY	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DEWEY DAM	2350	FLOYD	1	37 35	86 45	670	7A	R. P. COLEMAN	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DUNDEE BARRETT'S FORD BR	2350	FLOYD	1	37 35	86 45	670	7A	R. P. COLEMAN	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FORD LOCK 10	2350	FLOYD	1	37 35	86 45	670	7A	R. P. COLEMAN	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DUNNVILLE	2374	CASEY	3	37 13	84 58	—	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
DYER	2391	BRECKENRIDGE	7	37 43	86 13	—	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
EDDYVILLE LOCK F	2445	LOU	2	37 03	88 05	420	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
EDMONSON	2469	NITCALFE	3	37 00	85 45	370	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
ELKHORN CITY	2520	PIKE	1	37 01	82 21	792	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FALMOUTH	2775	PENDELTON	5	36 40	84 20	560	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FARMERS	2791	ROWAN	5	36 09	89 33	668	6P	MRS. C. C. STAMPER	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	7A	BYRON F. FLEMING	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FLEMINGSBURG P. O.	2908	FLEMING	5	38 25	83 43	870	7A	BYRON F. FLEMING	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FORD LOCK 10	2908	FLEMING	5	38 25	83 43	870	7A	BYRON F. FLEMING	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FORDS FERRY OAM 50	2961	CRITTENDEN	7	37 28	88 06	356	6P	CORPS OF ENGINEERS	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 13	84 52	504	6A	CORPS OF ENGINEERS	2 3 5 7	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FRANKLIN WATER WORKS	3036	SIMPSON	3	36 43	86 34	691	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FREEMAN	3044	PIKE	1	37 34	82 08	727	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
FREUNGBURG	3052	MENIFE	5	37 57	83 39	590	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	880	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GEST LOCK 3	3203	HENRY	4	38 25	84 53	490	7A	CORPS OF ENGINEERS	3	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GLASGOW	3241	BARREN	3	37 00	85 55	780	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GLENDON	3252	HARDIN	1	37 16	82 55	700	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GRANT OAM 38	3358	BOONE	5	38 09	84 49	506	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GRAYSON	3391	CARTER	7	38 19	82 57	589	5P	SHIRLEY J. STATEN	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GREENSBURG	3430	GREEN	3	37 15	85 30	638	7A	MRS. MELL M. LINGLE	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GREENSBURG HWAY 61 BR	3435	GREEN	3	37 15	85 30	638	7A	MRS. MELL M. LINGLE	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GREENUP OAM 30	3443	GREENUP	3	37 17	82 51	540	5P	C. R. LOVELL	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	5P	C. R. LOVELL	2 3 5	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
MALEYS MILL	3539	CHRISTIAN	3	37 03	87 20	740	—	—	—	MURRAY	5684	MART	3	37 16	85 53	600	6P	HUBERT E. HODGES	3
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	—	—	—	—	MURRAY	5684	MART	3</						





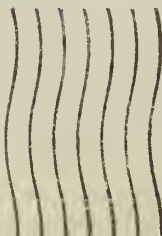
Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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# CLIMATOLOGICAL DATA

## KENTUCKY

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MAY 15 1953

UNIVERSITY OF ILLINOIS

MARCH 1953

Volume XLVIII No. 3



MAY 20 1953

O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Unseasonably warm weather prevailing during January and February continued through March. Both daytime and nighttime temperatures were mostly mild, however the average number of days having minimum temperatures of freezing or below was about normal for the month. Rainfall was frequent and occasionally heavy with the amount for the State a little more than one half inch above the mean. Snowfall as in the previous months continued light with the total amount one half of the normal. Severe winter storms were absent and damage from other storms was small. Heavy rainfall at the beginning of the month resulted in some high water at several locations but flood loss or damage was insignificant. Weather during the month was generally favorable for farm work and growing crops.

The temperature averaged above normal over all sections of the State with the western division showing the largest departure. The month opened rather cool and in the first ten days there were frequent pronounced temperature fluctuations as warm and cold air masses replaced each other quite rapidly. It was during this period that most locations reported their lowest temperature for the month. Minimum temperatures for the month ranged from 19° to 30° at all stations. The period of fluctuating temperatures was followed by two weeks of consistently above normal temperatures, with daily departures ranging as high as 15° to 20°. Maximum readings in the 70's were recorded from most locations on several days during this interval. It was also during these two weeks that practically all stations recorded their highest temperature for the month and these ranged from 72° to 80°. Following this warm period and continuing up to the last day of the month, temperatures were normal or below for the entire period with frequent frost or freezing temperatures. The mean temperature for the State was 48.8° which is 2.3° above normal. The monthly mean temperature ranged from 52.9° at Murray to 44.2° at Maysville, Dam 33. The highest temperature for the month was 80° at Mount Sterling on the 21st; the lowest was 19° at Grayson on the 10th.

Precipitation of varied intensities but

occasionally moderate to heavy occurred on 22 days during the month. Amounts were generally well distributed with the progression of larger amounts going from northeast to southwest. The greatest deficiency was recorded in the extreme northern tip of the State along the Ohio River where rainfall ranged from 2 to 3 inches. The southeast was also deficient in precipitation with totals ranging from 3 to 4 inches. The greatest excess of precipitation was in the southwest where totals in excess of 9 inches were reported. The most pronounced periods of heavy state-wide rain were the 2nd to the 4th when amounts were generally in excess of 2 inches except in the southeast; 14th to the 15th with totals over 1 inch except in the extreme northern counties; and 22nd to the 23rd with amounts averaging from 1/2 to 1 inch. Snowfall was reported mainly at the beginning of the month with the amounts generally light. The average precipitation for the State was 5.49 inches which is 0.69 inch above normal. The total amounts recorded at the various locations ranged from 9.72 inches at Murray to 2.26 inches at Freeburn. The heaviest rainfall reported in any one day was 2.71 inches at Lexington WB Airport on the 3rd. The monthly average of snowfall was 0.9 inch which is 1.0 inch below normal. The greatest monthly amount of snowfall was 5.4 inches at Ashland Dam 29. The greatest depth on the ground was 5 inches at Oneonta Dam 35 and Vanceburg Dam 32 on the 2nd.

Weather during the month was generally favorable for farm work and growing crops. The above average rainfall was needed inasmuch as the soil was dry at the beginning of the month. Plowing, preparation of seed beds, and spring seedings were well advanced by the end of the period. Many tobacco beds were seeded and some plants were up in the southern and western parts of the State. The condition of grains was well above the average. Pear, peach, and plum trees were in full bloom over much of the State. Pastures that were not damaged by the drought last year were in excellent condition and along with small grains used for pasture were furnishing excellent grazing for this time of year. - W.S.



# SUPPLEMENTAL DATA

KENTUCKY  
MARCH 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	SSE	16	13.9	-	-	-	77	80	58	68	7	6	3	3	2	1	22	-	6.9
LOUISVILLE WB AP	SE	14	9.9	47	S	3	76	79	57	64	4	5	5	3	0	1	18	45	6.8

# COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	40.5	84	18	1.52	-	-	1914	41.8	78	2	3.62	6.4	12	1939	49.4	90	15	5.78	T	9
1890	41.2	78	4	8.34	-	-	1915	37.8	65	11	2.11	3.5	8	1940	43.9	81	11	5.04	1.9	10
1891	41.8	71	9	8.08	-	-	1916	43.5	84	4	3.39	3.7	10	1941	40.5	74	2	1.65	1.1	8
1892	40.6	82	7	4.08	-	-	1917	45.9	84	0	6.52	8.1	14	1942	48.3	85	15	4.48	2.2	13
1893	45.0	89	5	2.76	-	-	1918	51.6	85	17	1.97	T	8	1943	43.0	80	6	7.63	3.0	10
1894	50.8	86	10	2.72	-	-	1919	47.6	81	16	5.65	T	9	1944	45.2	84	8	5.50	0.5	13
1895	45.0	88	15	3.17	-	9	1920	46.3	88	1	4.85	0.6	10	1945	56.5	91	20	7.06	T	13
1896	41.1	80	8	6.16	-	12	1921	56.7	87	19	5.75	T	11	1946	56.1	85	16	4.47	0.2	13
1897	49.6	86	20	7.94	0.2	14	1922	49.4	83	19	8.11	0.5	14	1947	38.6	77	1	2.36	10.8	10
1898	50.7	84	16	7.59	1.0	13	1923	45.6	80	8	5.27	T	9	1948	49.8	87	8	6.26	0.1	11
1899	43.9	80	3	8.10	2.4	15	1924	41.5	81	14	3.05	1.8	9	1949	45.8	86	10	5.17	1.1	11
1900	42.8	81	3	2.58	3.9	9	1925	49.2	84	4	3.59	0.4	9	1950	43.1	88	7	3.74	0.3	
1901	46.4	87	3	3.50	0.5	10	1926	40.2	84	4	2.80	2.3	11	1951	45.4	79	13	4.99	6.2	
1902	47.2	82	7	4.44	6.1	11	1927	48.4	82	10	6.04	3.5	11	1952	45.6	84	9	7.25	0.2	
1903	52.5	85	19	4.43	T	12	1928	45.6	85	12	2.64	2.7	8	1953	48.8	80	19	5.49	0.9	
1904	47.7	88	12	6.26	0.5	12	1929	52.0	94	9	4.17	1.2	10							
1905	52.2	86	22	4.45	T	9	1930	44.5	76	9	2.17	1.2	9							
1906	39.2	75	3	6.37	2.0	16	1931	41.4	73	18	3.66	1.9	17							
1907	54.9	92	18	2.28	0.8	10	1932	41.2	80	4	4.95	1.5	10							
1908	51.8	88	19	5.42	0.6	13	1933	46.0	78	10	5.52	T	11							
1909	44.8	74	17	5.14	T	11	1934	43.6	80	5	4.83	2.1	13							
1910	55.0	91	11	0.79	0.3	3	1935	54.6	86	20	9.56	0.3	14							
1911	46.0	87	7	2.57	0.6	9	1936	50.7	81	19	4.85	3.2	11							
1912	41.3	88	10	6.22	6.6	15	1937	42.2	77	6	1.43	2.3	7							
1913	46.5	85	9	7.22	0.5	10	1938	53.7	86	11	6.29	T	13							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
MARCH 1953

TABLE 2

Station	Temperature													Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
										50° or Above	32° or Below	24° or Below	0° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
WESTERN DIVISION																											
REAVER DAM	61.7	38.7	50.2	2.8	74	21+	25	9	450	0	0	10	0	6.02	1.51	1.81	3	.0	0		11	5	2				
FOROS FERRY DAM 50	61.6	40.0	50.8		76	21	27	8+	432	0	0	10	0	6.73	1.76	1.40	4	.0	0		11	5	3				
GREENVILLE 2 W	61.6	38.1	49.9	2.2	73	31	22	9	460	0	0	13	0	7.39	2.26	2.29	3	.0	0		15	6	1				
HENDERSON 4 SW	60.3	39.6	50.0	2.5	74	31	25	8	461	0	0	11	0	6.88	1.37	2.24	3	1.0	T	1	16	3	2				
HICKMAN 1 E	61.9	40.3	51.1		75	21	30	8+		0	0	5	0	8.11		1.72	3	T	0		15	6	3				
HOPKINSVILLE 2 E	62.0	37.8M	49.9M	.8	72	20+	28	7		0	0	8	0	9.51	4.51	1.90	4	.0	0		13		5				
LOVELACEVILLE	64.5	39.8	52.2	3.2	78	20	27	26	390	0	0	10	0	6.89	1.57			T	0		14						
MADISONVILLE 1 SE	62.9	39.2	51.1		74	31	25	9+	425	0	0	11	0	6.25		1.92	3	.0	0		12	5	2				
MAYFIELD 2 S	63.2	40.6	51.9	2.5	74	20	27	8+	398	0	0	7	0	8.42	3.58	2.59	3	T	0		15	5	2				
MURRAY	64.6	41.1	52.9	4.2	78	20	28	8	371	0	0	9	0	9.72	4.17	2.11	3	T	0		13	8	4				
OWENSBORO 2 W	60.1	39.4	49.8	2.9	73	31	25	8+	465	0	0	9	0	5.66	.84	1.68	3	.5	T	2	11	4	1				
PAOUCAH CAA AIRPORT	60.5	39.4	50.0		75	20	28	8+	460	0	0	10	0	6.59		1.40	14	T	0		12	6	3				
PAOUCAH	61.1	37.9	49.5	.5	76	21	27	1+		0	0	11	0	6.29	1.36	1.25	3	T	0		12	5	3				
PRINCETON	63.5	35.8	49.7	1.7	75	21+	23	9	463	0	0	13	0	6.82	1.86	1.84	3	.0	0		14						
RUSSELLVILLE	63.6	40.3	52.0	4.7	75	31	26	9+	397	0	0	9	0	7.18	2.23	1.38	4	.0	0		8	6	5				
DIVISION														7.23													
CENTRAL DIVISION																											
ANCHORAGE	57.4	35.3	46.4	2.0	75	21	24	8+	573	0	0	16	0	5.25	.82	1.76	3	3.1	3	1	15	2	1				
BAROSTOWN S J PREP SCH	61.8	36.0	48.9		74	21+	21	10	490	0	0	12	0	6.57		1.71	3	T	T	1+	10	4	2				
BOWLING GREEN WB AP	60.5	38.0	49.3	3.1	72	31	25	9	484	0	0	10	0	7.54	1.88	1.38	14	T	0		11	6	3				
BURGIN OIX OAM	61.1	37.3	49.2	2.1	75	22	24	8+	481	0	0	11	0	5.36	.89	1.40	3				9	5	2				
CAMPBELLSVILLE	61.0	36.1	48.6		73	22	22	9+	502	0	0	14	0	4.67		1.20	3	T	0		13	5	1				
CARROLLTON LOCK 1	58.7	36.6	47.7		74	21	23	8	528	0	0	11	0	2.95	-.94	.80	3	3.5	4	2	9	1	0				
CLERMONT 1 SSE	61.8	35.8	48.8		76	21	20	10	497	0	0	13	0	7.54		2.30	3	1.0	0		14	5	1				
COVINGTON WB AIRPORT	53.6	35.5	44.6	2.9	74	21	21	8	626	0	1	13	0	2.73	-1.31	.95	3	4.9	4	2	13	2	0				
OANVILLE	57.5	35.6	46.6	.4	74	23	23	9		0	0	12	0	5.89	1.12	1.59	3	.5	T	2	13	5	2				
FRANKFORT LOCK 4	57.8	33.6	45.7	-.2	75	23	23	11		0	0	18	0	5.49	1.07	2.35	4	.0	0		12	4	2				
GREENSBURG	59.0	34.5	46.8	.2	73	23	25	9+		0	0	17	0	4.53	-.79	.95	2	.0	0		8	5	0				
IRVINGTON	60.0	38.0	49.0	2.1	74	21	24	9	488	0	0	12	0	5.60	.84	2.34	3	T	T	1	15	2	1				
LEITCHFIELD	60.7	38.5	49.6	3.0	72	22+	26	8	469	0	0	11	0	6.25	1.43	1.45	3	.5	1	2	12	6	2				
LEXINGTON WB AIRPORT	56.4	36.9	46.7	4.3	73	21+	23	8	562	0	1	13	0	7.84	3.38	2.71	3	2.2	1	2+	15	6	3				
LOUISVILLE WB AP	57.2	38.2	47.7	2.1	74	21	25	8	529	0	0	11	0	4.71	.04	1.87	3	3.1	1	2	12	3	1				
LOUISVILLE WB CITY	57.2	40.5	48.9	2.8	74	21	26	8	492	0	0	6	0	5.12	.45	2.01	3	3.1	1	2	14	4	1				
MAMMOTH CAVE PARK	62.7	38.0	50.4	3.3	76	22	21	9	440	0	0	11	0	7.31	1.34	1.33	3	T	0		15	7	2				
ST JOHN BETHLEHEM ACO	57.5	32.7	45.1	-.4	72	22	20	1		0	0	18	0	7.04	2.15	2.05	3	T	0		10	4	2				
SCOTTSVILLE	63.8	40.2	52.0		75	31	23	9	400	0	0	10	0	4.77		1.09	3	T	0		12	4	1				
SHELBYVILLE 2 W	58.4	35.7	47.1	2.3	72	21+	23	8	549	0	0	15	0	5.36	.53	1.39	4	2.2	0		11	4	2				
SOMERSET 1 N	62.0	36.7	49.4		73	22	24	9	477	0	0	12	0	5.12		.81	23	.0	0		14	6	0				
SUMMER SHADE	61.1	37.5	49.3		72	13+	24	9+	481	0	0	14	0	4.90		.88	18	T	0		13	5	0				
WILLIAMSTOWN	57.2	35.8	46.5	2.1	74	21	20	8	570	0	0	12	0	4.14	-.32	1.25	3	.5	0		11	3	1				
WOLF CREEK OAM	61.0	37.0	49.0		74	14	26	27+		0	0	9	0	4.79		.83	3	.0	0		13	5	0				
DIVISION														5.48	1.1												
EASTERN DIVISION																											
ASHLAND OAM 29	59.7	37.2	48.5	1.6	77	21	23	10	506	0	0	10	0	4.51	.19	1.50	4	5.4	4	2	15	3	1				
BARBOURVILLE	65.1	35.3	50.2		76	14	24	9+	453	0	0	16	0	4.02		.78	18	T	T	26	13	0					
BAXTER	60.3	35.8	48.1		75	15	25	10+		0	0	14	0	3.75		.75	18	T	0		9	4	0				
BENHAM	60.2	35.0	47.6		75	16	22	10		0	0	16	0	4.47		.93	24	T	1	26	15	5	0				
BEREA COLLEGE	60.4M	37.3M	48.9M	1.8	75	21	25	8+	491	0	0	15	0	4.11	-.83	.84	2	.4	T	1	10	4	0				
CORBIN CAA AIRPORT	61.0	35.4	48.2		76	14	22	10	514	0	0	14	0	4.83		.72	18	T	0		17	6	0				
CYNTHIANA 2	57.8	35.9	46.9		77	21	22	10	556	0	0	14	0	5.01		1.70	3	1.0	1	2	10	3	1				
FARMERS	60.6M	35.7M	48.2M	2.8	78	21	20	10	516	0	0	13	0	4.93	.36	1.27	15	1.0	1	2	11	5	2				
GRAYSON	59.0	34.9	47.0		77	21	19	10	552	0	0	13	0	4.27		1.34	4	2.8	3	2	13	2	1				
HEIDELBERG LOCK 14	64.1	35.0	49.6	3.8	76	14+	21	10	470	0	0	14	0	4.28	-.64	1.05	2	T	T	2	12	4	1				
HINOMAN SETTLEMENT SCH	62.8	33.8	48.3		79	23	20	10		0	0	12	0	3.12		.65	2	T	T	26	9	2	0				
INEZ										0	0			4.32		1.00	2	.0	0		10	1					
MANCHESTER 4 SE	64.3	35.7	50.0		76	14	21	10	459	0	0	15	0	4.01		.92	15	T	T	26	9	4	0				
MAYSVILLE OAM 33	54.9	33.4	44.2	-.6	78	22	22	1+		0	1	15	0	5.00	.52	2.07	4	5.0	4	2	14	2	2				
MIDLESBORO	64.9	37.2	51.1	2.7	76	14+	23	9+	426	0	0	11	0	4.16	-1.14	.76	4	T	0		11	5	0				
MOUNT STERLING	59.8	36.6	48.2	3.6	80	21	23	8	511	0	0	12	0	6.11	.96	1.40	3	1.1	T	2+	11	6	2				
PIKEVILLE	63.6	40.4	52.0	3.0	79	14	25	10	381	0	0	5	0	3.68	-.64	.82	2	T	T	26	14	3	0				
RICHMOND E STATE COL	56.3	36.6	46.5	.5	74	22	24	8		0	0	11	0	4.89	.30	1.53	3	1.5	1	2	12	5	1				
VANCEBURG OAM 32	58.0	36.1	47.1		76	21	24	8+	548	0	0	10	0	4.84	.21	2.00	4	5.0	5	2	14	3	2				
WEST LIBERTY WATER WKS	59.8	31.9	45.9		78	23	20	10		0	0	18	0	3.99		1.63	3	1.0	0		10	3	1				
WILLIAMSBURG	64.7M	36.3M	50.5M	1.8			25	9+	444	0	0		0	3.46	-1.37	.84	18	T	0		16	4	0				
DIVISION														4.37	1.2												
STATE														5.49	.9												

KENTUCKY  
MARCH 1953

Total

[illegible]

# DAILY PRECIPITATION

KENTUCKY  
MARCH 1953

Table 3—Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ST JOHN BETHLEHEM ACADEMY	7.04		.38	2.05	.78	T							.15	T	.35	2.00			.65				.04	.40								.24	.	
SALVISA LOCK 6	7.19		1.09	1.44	1.20	.01			.03	T				T	.24	2.39			.46	.01			.03	.11	.08	T	T			T		.10	.	
SALYERSVILLE 2	-	-	-	-	-	-	-	-	-	-	-	-	-	T	.25	.55		.03		.49	.03					.59	.29	.02			.01			
SCOTTSVILLE	4.77	.23	.58	1.09	.60				.05	-			.06	.31	.04	.48	.03							.97								.01		
SEBREE WATER WORKS	6.18	.37	.60	1.95	.38				.03				T	.24	T	.32	.24							.81	.32							.12		
SHAWNEE STEAM PLANT	6.33		1.05	1.60	.35								.05	.25	.20	1.04							.44	.40								.13	.	
SHELBYVILLE 2 W	5.36		.83	.88	1.39	.02			.02				T	.25	1.25				.30	T			.02	.20	T	T	T			T		.20	.	
SHEPHERDSVILLE	5.83		.86	1.47	1.24								.04	.31	.05				.39					.34								.23	.	
SOMERSET 1 N	5.12	.25	.80	.72	.60									.30	.10	.50		.20				.03		.81	.04	.02						.05	.	
SPRINGFIELD	5.61		.76	1.32	.80					T				.28	1.32				.49					.16	.10							.38	.	
STEARNS 2 N	4.40	.78	.37	.06	.81	.53	.55									.06							.23			.83						.18	.	
SUMMER SHADE	4.90	.27	.56	.72	.81				.02				T	.30		.41	.06		.88			.02		.50	.08	T						.27	.	
SUMMER SHADE SURSTA	5.29		.81	.77	.84									.42	T	.40			1.10				T	.45	.13	.10						.27	.	
TAYLORSVILLE	5.63		.50	1.36	1.61	T			.07				T	.30	1.17				.38				T	.19								.05	.	
TOMPKINSVILLE 2	4.54		.60	.80	.72									.30	.32				.87					.42	.15	.15						.21	.	
TURKEY CREEK SCHOOL	8.63		1.39	1.66	.90				.06				.05	.05	.16	.82	.88		1.10	.06			.40	.87								.23	.	
TYRONE LOCK 5	6.49		.81	.70	2.07	T			.03					.21	1.90				.55				T	.06	.03	.03						.10	.	
UNIONTOWN DAM 49	4.82		.75	.78	.06	T			.06				T	T	.25	.06	.04		.35	.13			.35	.31								.18	.	
VALLEY VIEW LOCK 9	5.06		.78	1.30	.53	.03				T					.20	1.22			.57	.02			T	.10	.10	.11	T					.10	.	
VANBUREN	7.10		.95	1.53	1.51	T			.10						.24	1.90			.48	.02			.03	.17	.05							.12	.	
VANCEBURG DAM 32	4.84		.03	.03	2.00	.05			.03					.21	1.18		.16		.23	.61			T	.01	.11	.17	.02						.	
WAYNESBURG 6 E	4.57		1.06	.61	.59				.08					.33	.55				.60				.04	.28	.38							.05	.	
WEST LIBERTY WATER WKS	3.99		.08	1.63	.61				T					.21	.71	.10			.03	.02				T	.42	.18	T					T	.	
WESTPORT	4.13		.38	1.15	.40				.10					.38	.45	.08			.44	.02			.03	.13		.42						.48	.	
WILLIAMSBURG	3.46	.05	.55	.05	.50								.01	.10	.12	.04	.05	.08	.84			.01		.57	.19	.01	.02					.31	.	
WILLIAMSTOWN	4.14		.20	1.25	.51				.06					.30	.50	.48			.38						.03	.03						.40	.	
WILLOW LOCK 13	4.56		1.10	.57	.65	.03								.24	.75				.55						.33	.24						.10	.	
WOLF CREEK DAM	4.79		.73	.83	.77	.07								.22	T	.35			.81			.07										.04	.	
WOODBURY LOCK 4	7.11		1.04	1.72	1.15				.01					.24	1.12				.75					.01	.28	.58	.03						.08	.



# DAILY TEMPERATURES

KENTUCKY  
MARCH 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	42	35	64	60	50	62	48	34	52	62	62	61	68	62	64	57	68	61	59	64	75	71	68	63	47	42	59	50	57	46	66	57.4
	MIN	27	28	35	32	30	32	25	24	24	24	40	46	50	47	45	29	36	48	35	30	43	51	53	39	29	33	25	31	27	32	44	35.3
ASHLAND OAM 29	MAX	47	41	66	64	50	65	57	43	46	62	58	67	64	69	72	62	70	61	63	63	77	73	69	70	54	41	57	55	47	56	62	59.7
	MIN	30	29	36	37	31	29	26	25	28	23	31	37	52	39	51	38	40	47	38	30	40	54	55	42	34	34	37	40	39	39	41	37.2
BARBOURVILLE	MAX	56	67	65	66	56	67	68	66	56	68	62	65	73	76	74	68	73	72	72	73	72	74	69	68	53	42	60	59	56	58	65	65.1
	MIN	27	36	51	36	29	27	29	29	24	22	32	36	52	38	54	31	31	46	38	26	34	54	52	38	31	30	24	29	36	26	47	35.3
BARDSTOWN S J PREP SCH	MAX	49	43	65	65	51	64	63	58	50	63	65	65	67	68	63	57	68	70	68	66	74	74	74	64	55	42	59	59	57	57	72	61.8
	MIN	29	28	40	32	30	35	26	24	24	21	44	46	50	49	47	35	36	47	35	30	40	52	51	39	29	33	24	34	28	34	44	36.0
BAXTER	MAX	51	46	59	65	57	53	64	65	50	55	65	65	66	67	75	70	58	70	68	63	70	66	71	64	65	39	39	57	51	55	60	60.3
	MIN	28	34	44	54	28	28	29	31	27	25	25	40	46	40	54	38	32	41	39	30	36	41	54	41	39	32	34	31	34	27	28	35.8
BEAVER DAM	MAX	51	53	67	62	55	64	64	54	52	64	59	61	70	68	65	57	71	64	62	70	74	69	68	61	56	48	58	56	59	57	74	61.7
	MIN	31	34	49	31	34	43	30	26	25	26	48	50	48	53	45	33	36	49	36	32	46	53	53	43	29	35	28	39	29	40	49	38.7
BENHAM	MAX	52	48	63	66	60	52	63	61	53	55	65	57	65	68	69	75	59	69	69	61	70	70	67	67	68	38	37	56	45	57	61	60.2
	MIN	26	27	38	52	30	29	26	28	27	22	30	41	49	43	50	38	32	38	40	29	33	49	55	41	36	30	29	30	34	23	30	35.0
BEREA COLLEGE	MAX	44	54	65	64	51	64	58	39	51	58	65	64	67	70	67	65	69	65	60	67	75	74	66	46	46				58	53	66	60.4
	MIN	30	32	54	30	31	37	26	25	25	29	44	47	52	48	44	38	39	49	41	32	32	47	44	41	31			38	33	28	45	37.3
BOWLING GREEN WB AP	MAX	41	60	64	44	56	66	64	49	55	63	67	58	65	66	66	59	67	65	63	70	71	69	65	63	43	48	59	57	61	60	72	60.5
	MIN	34	38	43	32	30	38	32	29	25	28	47	48	53	50	38	31	38	50	36	34	43	53	47	39	29	31	28	35	33	38	48	38.0
BURGIN DIX OAM	MAX	49	46	64	64	51	65	55	54	53	65	68	65	70	69	64	58	69	68	64	66	74	75	70	66	51	43	58	58	55	52	65	61.1
	MIN	31	31	41	33	31	35	28	24	24	24	41	42	53	45	56	36	38	49	38	31	39	52	51	42	31	34	31	37	33	29	45	37.3
CAMPBELLSVILLE	MAX	48	59	64	58	53	64	63	60	53	65	65	59	70	65	66	62	69	66	63	70	70	73	66	64	48	44	58	46	58	52	69	61.0
	MIN	30	31	49	30	28	39	26	25	22	24	41	45	49	50	54	31	35	45	38	28	48	51	49	35	26	29	22	33	27	34	45	36.1
CARROLLTON LOCK 1	MAX	45	46	65	63	49	58	50	44	50	60	65	63	69	65	63	58	66	63	60	64	74	72	70	62	55	42	62	55	55	51	57	58.7
	MIN	27	28	35	34	30	31	25	23	28	24	34	44	52	42	52	41	36	45	40	28	39	55	55	38	32	33	32	37	35	39	42	36.6
CLERMONT 1 SSE	MAX	45	40	65	65	54	66	57	53	55	65	68	65	71	68	65	60	70	66	62	67	76	73	71	65	55	45	61	59	57	55	71	61.8
	MIN	29	29	39	33	28	31	27	25	23	20	42	48	48	44	53	34	34	47	32	37	39	52	54	40	29	34	23	32	25	33	45	35.8
CORBIN CAA AIRPORT	MAX	42	64	66	63	53	65	66	49	54	65	62	63	70	76	71	58	71	70	63	69	70	72	61	65	41	39	57	50	55	54	66	61.0
	MIN	28	37	53	30	29	30	30	29	25	22	38	37	46	41	44	33	32	47	35	28	36	54	47	34	32	30	26	34	33	28	48	35.4
COVINGTON WB AIRPORT	MAX	40	36	61	60	43	49	39	28	47	60	63	63	65	60	60	53	66	58	53	61	74	71	63	60	37	38	56	48	48	48	53	53.6
	MIN	24	25	36	30	26	27	22	21	27	31	43	44	52	45	41	38	38	45	39	33	46	53	50	35	29	29	32	35	34	29	41	35.5
CYNTHIANA 2	MAX	45	35	64	63	49	62	48	44	49	61	65	64	68	62	64	56	67	62	59	62	77	74	67	64	53	41	59	56	48	51	53	57.8
	MIN	27	28	34	34	31	32	25	24	28	22	32	42	52	41	52	40	37	49	39	28	43	53	53	39	32	32	31	34	34	23	42	35.9
OANVILLE	MAX	52	38	54	64	38	52	65	58	39	62	64	66	61	70	65	63	57	69	65	62	68	72	74	56	63	38	40	59	52	55	51	57.5
	MIN	26	30	33	38	30	33	27	24	23	27	30	43	45	47	50	36	38	44	40	33	36	47	51	42	32	31	31	34	35	31	38	35.6
FARMERS	MAX	49	37	68	68	50	63	42	51	26	63	62	68	63	66	69	62	69	68	62	66	78	77	73	68	55	41	59	60	50	57	54	60.6
	MIN	33	29	36	33	32	29	24	26	20	31	31	39	49	37	51	41	31	48	36	28	37	52	52	37	33	32	35	32	38	26	44	35.7
FORDS FERRY OAM 50	MAX	46	51	73	70	57	61	62	50	54	65	60	60	60	70	67	57	68	66	61	73	76	69	65	61	51	48	61	59	59	56	74	61.6
	MIN	33	30	46	32	32	42	30	27	27	30	48	50	46	50	46	34	43	51	39	37	52	52	52	44	31	32	30	41	37	46	50	40.0
FRANKFORT LOCK 4	MAX	52	40	51	66	40	50	63	48	34	54	63	66	63	71	65	63	59	70	62	62	64	74	75	65	65	40	43	62	57	57	51	57.8
	MIN	25	29	32	38	32	32	27	24	24	25	23	40	44	43	43	40	37	37	37	30	30	37	53	40	32	31	31	32	35	29	29	33.6
GRAYSON	MAX	43	38	68	68	49	65	50	43	48	62	61	68	67	69	71	56	69	60	61	62	77	75	66	68	51	40	58	55	46	56	58	59.0
	MIN	28	29	34	35	31	27	26	25	22	19	29	35	47	35	56	43	34	45	32	28	35	51	51	39	33	33	33	32	40	32	43	34.9
GREENSBURG	MAX	52	40	60	65	40	55	66	64	45	52	65	66	60	69	67	63	58	71	67	62												

# DAILY TEMPERATURES

KENTUCKY  
MARCH 1953

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYSVILLE OAM 33	MAX	48	37	39	66	41	47	60	44	30	46	61	61	66	67	61	65	55	67	60	59	62	78	76	61	64	38	42	58	50	44	50	54.9
	MIN	22	28	29	37	32	30	27	25	25	23	22	34	40	36	37	42	37	37	40	31	31	40	56	39	35	34	32	36	41	28	28	33.4
MIDOLESBORO	MAX	56	57	60	61	58	69	67	64	58	64	62	64	73	76	76	72	70	74	72	73	71	72	67	68	62	41	61	59	60	63	63	64.9
	MIN	26	39	49	40	29	28	28	32	23	23	40	46	52	40	56	34	32	47	38	28	37	54	54	36	34	33	28	34	39	27	46	37.2
MOUNT STERLING	MAX	44	37	65	64	49	63	53	46	50	64	65	66	68	60	67	56	69	61	61	66	80	76	72	67	55	47	59	55	54	57	59	59.8
	MIN	29	28	36	36	29	35	24	23	24	26	41	44	51	43	54	39	37	48	38	32	44	53	46	40	39	32	30	32	33	27	43	36.6
MURRAY	MAX	50	60	72	70	62	70	70	60	57	65	60	65	65	69	67	58	63	65	67	78	69	68	70	65	53	54	63	62	65	66	75	64.6
	MIN	38	40	55	34	32	40	34	28	31	31	48	53	51	56	47	32	44	51	36	37	52	53	50	40	29	30	30	39	31	47	54	41.1
OWENSBORO 2 W	MAX	45	50	67	62	54	59	60	46	52	65	60	58	68	68	65	58	68	63	60	70	70	69	65	60	53	49	58	55	59	54	73	60.1
	MIN	32	31	45	35	30	39	29	25	25	29	49	52	50	51	48	33	41	50	38	35	49	53	51	42	30	35	30	38	33	43	49	39.4
PAOUCAH CAA AIRPORT	MAX	43	56	70	44	59	65	63	54	56	61	59	64	61	70	59	58	64	67	62	75	67	67	66	61	46	51	59	60	63	55	71	60.5
	MIN	37	37	38	32	32	38	32	28	28	31	48	49	49	56	37	32	45	45	40	40	53	51	46	35	29	29	30	39	34	49	52	39.4
PAOUCAH	MAX	53	42	56	72	45	60	66	65	53	55	64	60	64	61	71	59	58	66	70	62	76	70	69	68	63	49	52	60	60	64	62	61.1
	MIN	27	36	37	36	31	34	33	28	27	29	40	48	48	50	49	34	43	46	37	38	42	53	49	42	31	31	30	32	32	32	49	37.9
PIKEVILLE	MAX	47	65	72	63	56	71	64	43	56	69	58	70	71	79	77	65	74	69	70	71	74	74	69	70	44	42	59	56	47	63	64	63.6
	MIN	36	40	52	40	36	34	33	32	32	25	35	39	55	40	59	45	33	49	43	32	37	55	57	44	46	36	35	38	40	41	32	40.4
PRINCETON	MAX	56	55	71	68	66	66	67	52	55	65	61	61	62	69	60	62	69	67	64	70	75	68	70	63	53	53	62	60	66	58	75	63.5
	MIN	34	35	50	31	30	33	27	31	23	25	41	51	51	52	47	26	33	34	29	31	40	53	42	36	29	25	24	33	24	42	35	35.8
RICHMOND E STATE COL	MAX	48	39	55	64	39	49	64	61	35	50	60	65	63	67	65	63	54	66	63	60	62	74	73	57	64	35	40	57	54	50	50	56.3
	MIN	32	30	33	39	30	35	26	24	26	26	38	44	48	45	51	37	39	40	40	38	42	53	51	41	31	31	29	35	34	28	40	36.6
RUSSELLVILLE	MAX	52	62	64	62	64	68	67	52	54	65	68	62	68	66	66	59	69	69	65	71	72	67	70	65	56	48	60	59	63	64	75	63.6
	MIN	34	38	55	35	30	36	32	29	26	27	49	53	54	54	52	31	40	49	36	33	52	55	57	42	39	29	26	36	29	41	51	40.3
ST JOHN BETHLEHEM ACO	MAX	50	42	58	65	39	52	62	56	37	50	62	65	59	69	66	60	58	68	62	60	67	72	70	68	60	42	45	58	53	58	50	57.5
	MIN	20	25	38	32	28	29	26	22	21	21	23	42	46	50	51	33	30	38	32	27	31	50	50	38	25	26	25	31	34	35	36	32.7
SCOTTSVILLE	MAX	51	66	65	63	57	66	66	64	55	65	69	63	70	68	66	58	69	71	69	73	71	69	65	65	53	48	58	57	61	61	75	63.8
	MIN	31	38	55	35	32	42	33	30	23	29	49	51	55	56	53	31	41	50	38	33	51	53	53	43	29	30	26	37	29	38	51	40.2
SHELBYVILLE 2 W	MAX	45	35	65	60	50	62	49	45	51	64	65	63	67	63	60	57	67	62	60	65	72	72	70	63	54	41	59	53	55	52	65	58.4
	MIN	28	27	32	32	29	34	25	23	24	25	42	46	49	47	37	39	37	47	38	31	46	53	53	36	29	32	27	34	31	30	43	35.7
SOMERSET 1 N	MAX	47	65	62	57	53	66	64	57	53	57	66	65	68	70	71	67	68	69	62	70	72	73	71	66	48	51	56	52	56	53	68	62.0
	MIN	33	34	52	40	30	33	29	28	24	25	45	44	52	50	47	25	32	33	35	29	40	52	49	36	32	31	34	31	35	31	47	36.7
SUMMER SHADE	MAX	45	57	61	59	55	65	66	57	55	65	65	59	72	65	66	55	69	68	61	71	70	72	65	65	47	45	57	51	54	60	72	61.1
	MIN	30	37	54	32	29	36	30	29	24	28	47	49	54	54	52	29	36	38	35	32	48	46	51	39	29	28	24	31	26	35	49	37.5
VANCERBURG OAM 32	MAX	44	37	67	67	48	62	51	44	46	62	60	65	67	60	70	56	68	59	59	62	76	75	72	68	49	40	57	53	44	51	58	58.0
	MIN	28	28	36	35	27	31	25	24	27	24	33	41	51	38	55	41	35	44	38	33	42	44	42	40	36	32	36	40	41	30	42	36.1
WEST LIBERTY WATER WKS	MAX	49	46	53	69	44	53	60	66	37	55	60	62	63	73	73	70	65	69	61	65	64	69	78	75	69	44	41	52	55	54	60	59.8
	MIN	22	30	33	35	32	36	27	25	26	20	25	30	32	36	37	34	35	43	40	33	27	32	52	37	30	32	34	30	28	26	30	31.9
WILLIAMSBURG	MAX	50	65	66	66	57	69	60	56	66	62	74	76	75	65	73	74	74	66	71	73	68	67	47	44	69	63	59	67	64.7	64.7	64.7	64.7
	MIN	28	36	50	37	30	30	30	25	25	37	44	44	58	32	32	46	39	27	40	48	38	34	32	25	37	30	46	36.3	36.3	36.3	36.3	
WILLIAMSTOWN	MAX	47	35	60	59	45	59	51	40	48	60	64	63	66	65	62	54	68	66	59	60	74	71	70	66	51	39	58	57	50	50	55	57.2
	MIN	25	25	34	33	27	33	22	20	26	29	41	43	50	45	52	38	38	47	37	34	42	51	53	41	30	29	29	33	32	30	40	35.8
WOLF CREEK OAM	MAX	57	46	66	65	45	57	68	58	50	55	64	66	64	74	68	69	61	72	72	65	73	65	72	57	67	42	42	60	52	60	59	61.0
	MIN	29	35	36	44	35	35	35	34	29	30	30	47	49	51	52	34	34	36	44	33	34	42	52	42	36	34	26	26	31	31	40	37.0

## EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOLF CREEK DAM	EVAP	.12	.08	.08	.19	.04	.09	.16	.12	.10	.09	.12	.07	.10	*	*	.41	.13	.17	.13	.24	.13	.14	.15	.03	.13	.07	*	.15	.11	.05	.08	3.48
	WIND	19	71	31	149	59	36	48	70	68	19	16	45	47	20	54	80	22	51	49	52	19	76	81	17	56	87	44	31	73	45	43	1578

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
MARCH 1953

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ASHLAND DAM 29	SNOWFALL SN ON GND		3.9 4						.4 T	T																		.7 T	.4 T				
BENHAM	SNOWFALL SN ON GND	T				T T				T																	T	- 1	-	T			
BOWLING GREEN WB AP	SNOWFALL SN ON GND	T			T																						T						T
CORBIN CAA AP	SNOWFALL SN ON GND	T			T																						T	T					
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	2.0 4	1.5 5	1	T 1	1.0 1		.4 T	T T																		T	T					
DANVILLE	SNOWFALL SN ON GND		.5 T		T T				T																		T	T					
FARMERS	SNOWFALL SN ON GND		1.0 1						T T																								
HEIDELBERG LOCK 14	SNOWFALL SN ON GND		T T																									T	T				
HINDMAN SETTLEMENT SCHOOL	SNOWFALL SN ON GND																											T T					
IRVINGTON	SNOWFALL SN ON GND	T T			T																						T						
LEXINGTON WB AP	SNOWFALL SN ON GND	1.2 1			.1			.9 1	T 1	T						T											T	T		T			
LOUISVILLE WB AP	SNOWFALL SN ON GND	3.1 1			T			T	T																	T	T	T					
MAMMOTH CAVE PARK	SNOWFALL SN ON GND	T			T										T												T	T					
MAYSVILLE DAM 33	SNOWFALL SN ON GND		4.0 4						1.0 1	T																							
MIDDLESBORO	SNOWFALL SN ON GND																											T	T				
MURRAY	SNOWFALL SN ON GND				T																												
OWENSBORO 2 W	SNOWFALL SN ON GND		.5 T		T																							T					
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND	T			T																												
PIKEVILLE	SNOWFALL SN ON GND																												T T				
ST JOHN BETHLEREM ACAD	SNOWFALL SN ON GND		T		T																												
SCOTTSVILLE	SNOWFALL SN ON GND																										T						
WILLIAMSTOWN	SNOWFALL SN ON GND		.4		T				.1																								



# STATION INDEX

KENTUCKY  
MARCH 1953

Station	Index No.	County	Drainage <sup>†</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADOLPHUS 1 N	0031	ADOLPHUS 1 N		37 37 55	86 34	380	6A		CORPS OF ENGINEERS	3 C
ALBANY	0043	ALBANY		37 36 39	86 16	600	7A		IDELL M. DEARING	3 C
ANCHORAGE	0053	ANCHORAGE		37 36 41	85 08	950	7A		MRS. BARBARA M. COOL	3 C
ASHCAMP	0055	ASHCAMP		37 37 35	82 43	650	7A		C. E. BARRETT	2 3 5 C
ASHLAND OAM 29	0246	PIKE		37 37 16	82 26	1100	6A		MARY S. RATLIFF	3 5
BARBOURVILLE	0254	BOYD		37 38 27	82 36	534	6P		CORPS OF ENGINEERS	2 3 5 7
BARSTOWN S.J. PREP SCH	0281	KNOX		37 36 52	83 53	1000	6P		UNION COLLEGE	2 3 5 C
BAXTER	0297	NELSON		37 37 48	85 28	650	6P		ST. JOSEPH PREP SCH	2 3 5 C
BEAVER DAM	0490	ONEIDA		37 37 25	86 52	441	6P		E. G. YOUNG	2 3 5 7
BENTON	0593	HARLAN		37 36 58	87 57	1580	8A		C. C. WHITEAKER	2 3 5 7
BERA COLLEGE	0611	MADISON		37 37 34	84 18	1070	6P		JAMES A. GROSSMAN	2 3 5 C
BERA WATER WORKS	0624	MADISON		37 37 34	84 18	1100	7A		MRS. L. B. GAFFARD	2 3 5 C
BONLING GREEN	0904	WARREN		37 37 00	86 26	536	7A		JAMES R. EDWARDS	3 5
BONLING GREEN SUBSTA	0907	WARREN		37 37 01	86 26	470	7A		TV-639	3 5
BRENT DAM 36	0970	CAMPBELL		37 36 58	86 26	535	MID		U.S. WEATHER BUREAU	2 3 5 7 C
BROWNVILLE LOCK 6	1046	EDMONSON		37 37 12	86 16	419	7A		CORPS OF ENGINEERS	3
BURDINE 2 NE	1120	PIKE		37 37 13	82 35	1638	8A		EDWIN E. JOHNSON	3 5
BURGIN DIA DAM	1127	MURKIN		37 37 48	84 35	770	AP		C. W. WILLIAMS	2 3 5 6
BURKESVILLE	1137	CUMBERLAND		37 36 47	85 52	600	7A		MARVIN M. LEE	2 3 5 C
BURNSIDE	1156	PULASKI		37 36 59	84 37	705	7A		THOMAS A. LEWIS	3
CAOTZ LOCK E	1206	TRIGG		37 36 46	87 58	424	7A		CORPS OF ENGINEERS	3
CAMPBELLVILLE	1256	TAYLOR		37 37 20	85 21	777	6P		ALVA MC KINLEY	2 3 5 C
CARROLLTON LOCK 1	1341	CARROLL		37 37 01	85 11	729	6P		CORPS OF ENGINEERS	2 3 5 C
CENTRAL CITY	1439	MULLENBERG		37 37 17	87 01	—	MID		MICHAEL J. PRICE	2 3 5 C
CLEMONT 1 5SE	1611	BULLITT		37 37 55	85 40	474	SP		BERNHARD FOUNDATION	2 3 5 C
CLINTON	1631	HICKMAN		37 36 41	89 00	370	MID		WOODSON O. FRANKLIN	3
COLLEGE HILL LOCK 11	1704	MADISON		37 37 47	84 06	—	7A		CORPS OF ENGINEERS	3
COLUMBIA	1722	ADAIR		37 37 06	85 18	729	7A		MRS. HAZEL B. PICKETT	3
CORBIN CAA AIRPORT	1801	WHITLEY		37 36 58	88 10	1170	MID		CIVIL AERO. ADM.	2 3 5 7
COVINGTON WB AIRPORT	1855	BOONE		37 36 50	84 40	869	MID		U.S. WEATHER BUREAU	2 3 5 7 C
CUMBERLAND FALLS ST PK	1968	WHITLEY		37 36 50	84 40	869	SP		KEE J. SE	2 3 5 7 C
CYNTHIANA 2	1998	HARRISON		37 36 53	84 18	684	7A		MARSHALL HILL	2 3 5
DANVILLE	2040	BOYD		37 39 34	84 46	955	7A		CHARLES C. HALL	2 3 5
DAVALLA	2053	MARTIN		37 37 48	82 52	—	MID		BERTHA DE LORAIN	2 3 5 7
DEWITT 1 E	2137	PERRY		37 37 53	82 57	1780	SP		RALPH D. BEALL	3
DEMA	2136	KNOTT		37 37 58	82 48	850	SP		MATTIE B. BARNEY	3
DEWEY DAM	2180	FLOYD		37 37 45	82 47	670	7A		CORPS OF ENGINEERS	3
DUNDEE BARRETT'S FORD BR	2358	OIO		37 37 33	86 43	450	7A		J. L. HUFF	3
DUNMORE	2366	MULLENBERG		37 37 37	87 00	610	7A		N. D. GIVENS	3
DUNN	2374	CASEY		37 37 13	85 58	—	8A		LINCOLN B. TARTER	3
EDDYVILLE LOCK F	2445	LYON		37 37 43	86 13	—	MID		LEWIS BLAIR	3
EDMONTON	2469	METCALFE		37 37 00	85 37	—	7A		JOHN E. MORAN	3
EDMONSON CITY	2471	PIKE		37 37 12	85 31	—	7A		HARVEY J. FARMER	3
FALMOUTH	2775	PENDLETON		37 36 40	84 20	560	7A		FRANK H. LAWSON	3
FARMERS	2791	RONAN		37 38 09	85 53	660	6P		MRS. C. C. STAMPER	2 3 5 7
FLEMINGSBURG	2903	FLEMING		37 38 25	83 43	870	7A		BYRON F. FLEMING	3
FLEMINGSBURG P. O.	2908	FLEMING		37 38 25	83 43	750	MID		MAURICE B. CARPENTER	3 C
FORDS FERRY DAM 50	2961	CRITTENDEN		37 37 28	88 06	356	6P		CORPS OF ENGINEERS	2 3 5 7 C
FRANKFORD LOCK 4	3028	FRANKLIN		37 38 13	84 52	504	6A		CORPS OF ENGINEERS	2 3 5 7
FRANKLIN WATER WORKS	3036	SIMPSON		37 36 45	86 34	691	7A		HERMAN O. NEAL	3 C
FREBURN	3046	PIKE		37 37 34	82 08	727	8A		JOHN E. TANNER	3
FRENCHBURG	3134	WHITLEY		37 37 57	83 59	930	7A		FRENCHBURG SCHOOL	3
GEORGETOWN WATER WORKS	3194	SCOTT		37 38 12	84 33	880	8A		JOE W. ATKINS	3
GEST LOCK 3	3203	HENRY		37 38 25	84 35	490	7A		CORPS OF ENGINEERS	3 C
GLASCO	3241	BARREN		37 37 00	85 55	780	7A		EMILY M. BEAN	3
GLENDALE	3252	HARRIS		37 37 36	85 55	700	7A		OVIAO M. BELL	3
GRANT OAM 38	3358	BOONE		37 37 02	85 41	—	MID		CORPS OF ENGINEERS	2 3 5
GRAYSON	3391	CARTER		37 36 19	85 07	589	SP		SHIRLEY L. STATEN	2 3 5
GREENSBURG	3430	GREEN		37 37 15	85 30	638	7A		MRS. MELL M. LINGLE	2 3 5
GREENSBURG HIMAY 61 BR	3443	GREEN		37 37 15	85 30	600	7A		MRS. A. L. COX	3
GREENUP OAM 50	3445	GREENUP		37 38 37	82 51	540	7A		CORPS OF ENGINEERS	2 3 5
GREENVILLE 2 W	3451	MULLENBERG		37 37 12	87 12	519	SP		C. R. LOVELL	2 3 5
HALES MILLS	3539	CHRISTIAN		37 37 03	87 20	740	MID		CLEATUS E. CRANKLEY	3
HARTFORD 6 NW	3552	ONIO		37 37 52	86 54	—	8A		OVIAO K. EARLSON	3
HAZARD	3709	PERRY		37 37 15	83 12	863	7A		A. A. BAILEY	3
HAZARD WATER WORKS	3724	LEE		37 37 15	83 11	140	7A		BURCHILL MURPHY	3
HEIDELBERG LOCK 14	3749	PERRY		37 37 35	83 46	645	5P		CORPS OF ENGINEERS	2 3 5 7 C
HENDERSON 4 SW	3762	HENDERSON		37 37 47	87 57	382	6P		FRANK STREET	2 3 5 7
HERNDON	3798	CHRISTIAN		37 36 44	87 34	—	MID		C. W. KEATTS	3
HICKMAN 1 E	3816	FULTON		37 36 34	89 10	—	7A		MRS. NELL S. CALVIN	2 3 5 C
HICKSVILLE	3830	GRAVES		37 36 50	88 50	440	7A		W. B. CLOHAM	3
HIGH BRIDGE LOCK 2	3857	JESSAMINE		37 37 49	84 45	—	6A		CORPS OF ENGINEERS	2 3 5
HINDMAN SETTLEMENT SCH	3899	KNOTT		37 40 20	82 57	1080	8A		ELIZABETH WATTS	2 3 5 7
HOGGINSVILLE NAT PARK	3924	LEITCH		37 37 02	85 44	—	MID		ERNEST L. MIGHT	3
HOPKINSVILLE 2 E	3994	CHRISTIAN		37 36 52	87 27	524	8A		MRS. W. K. MORRIS	2 3 5 7
HOVON	4093	LEE		37 37 10	83 22	850	6P		MRS. FOREST CAMPBELL	2 3 5
INEZ	4154	MARTIN		37 37 52	82 52	638	6P		UNITED FUEL GAS CO	2 3 5
IRVINGTON	4165	BRECKINRIDGE		37 37 53	84 27	646	7P		FLOYD C. ROBBINS	2 3 5 7
JACKSON	4196	BREATHITT		37 37 33	83 35	580	7A		MRS. MAE JETT	3
JEROME	4255	LEITCH		37 37 10	82 56	1130	SP		HOWARD SHON	3
KEENE 2 N	4569	JESSAMINE		37 37 58	84 58	500	7A		HUGH J. CARROLL	3
KENTUCKY OAM	4614	LIVINGSTON		37 37 01	88 16	562	6A		TV-578A	3 C
LANCASTER ICE PLANT	4620	GREENUP		37 37 05	85 15	1032	8A		KENTUCKY VILL CO	3
LAURA	4642	MARTIN		37 37 45	82 26	—	8A		JAMES A. FIELO	2 3 5
LEITCHFIELD	4703	GRAYSON		37 37 29	86 18	635	6P		GEORGE O. LITSEY	3
LEXINGTON WB AIRPORT	4746	FAYETTE		37 37 02	84 36	975	MID		U.S. WEATHER BUREAU	2 3 5 7 C
LIBERTY	4755	CASEY		37 37 21	84 55	—	7A		PALLIA L. HANKLA	3 C

1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-ONIO; 8-SALT; 9-TENNESSEE

## REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 55W, indicate distance in miles and direction from the point office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 inch diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 5 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:50 A.M. C.S.T. and 7:50 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C Data for recorder at station denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data".

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

E One or more days at record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

F Daily values and monthly total from recording gage.

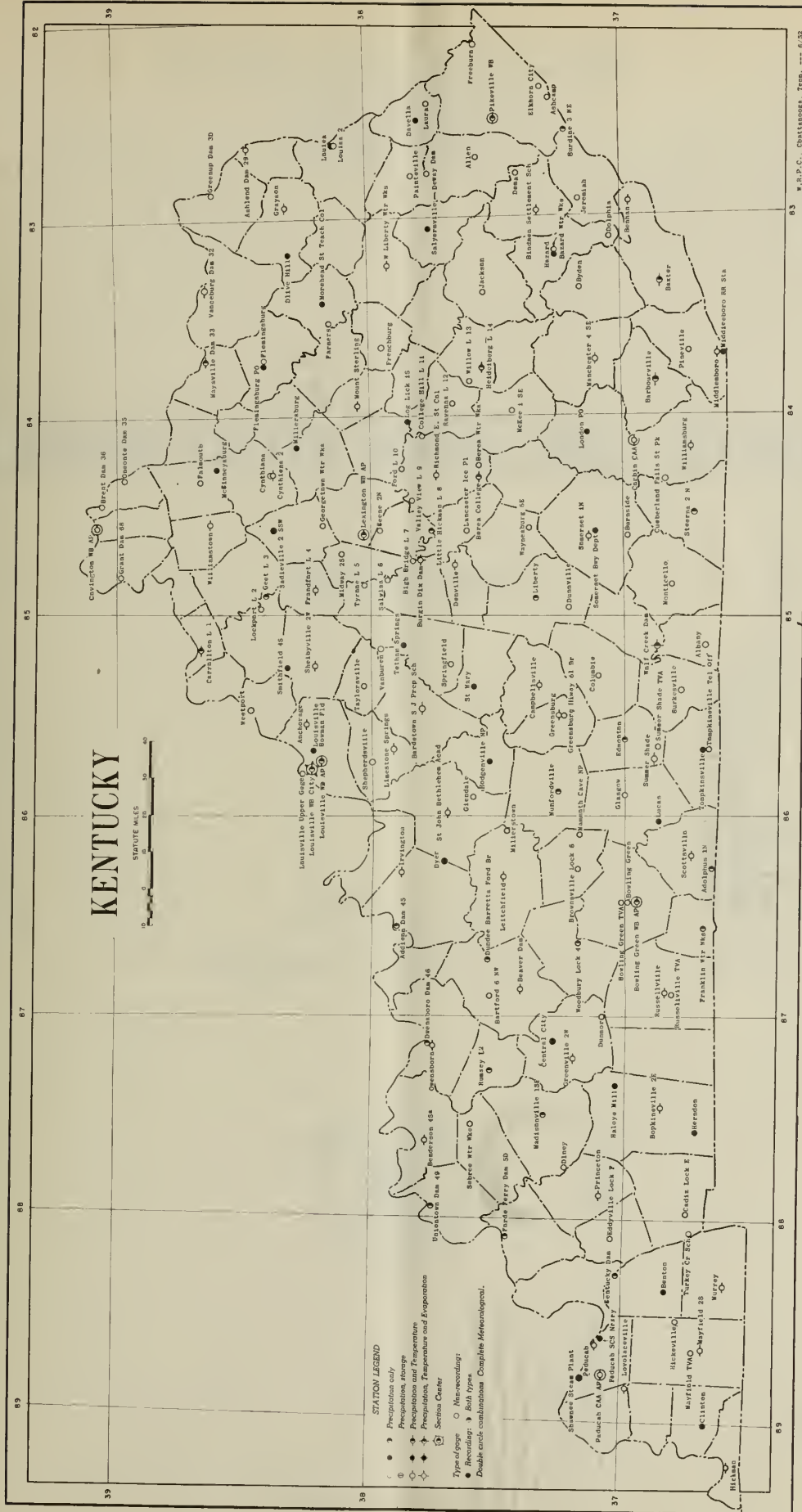
T Trace, an amount too small to measure.

V Includes total for previous month.

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U.S.P.C., Chattanooga, Tenn. --- 5/7/55 --- 775





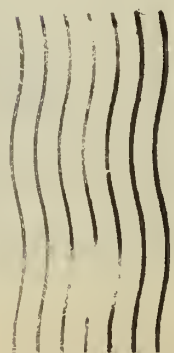
Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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# CLIMATOLOGICAL DATA

## KENTUCKY

APRIL 1953

Volume XLVIII No. 4



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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The dominant characteristic of the weather conditions prevailing during the month was the persistence of unseasonably low temperatures. The average temperature for the month was the ninth lowest on record for April. Scattered frost was reported from one section or another during each weekly period during the month. Precipitation was rather frequent. However, the total amount was slightly below the mean. Snowfall was somewhat above the average. The amount of daytime cloudiness was above seasonal resulting in a below normal percentage of possible sunshine. Considerable damage was caused by windstorms in a few counties. The cold and often wet weather was unfavorable for the germination of seeds, vegetation growth, and outdoor activity.

The temperature averaged from 1° to 5° below normal in practically all parts of the State. The month opened warm but there was a rapid turn to cooler temperatures as a cold air mass overspread the State on the 1st. Scattered frost was reported on the mornings of the 4th and 5th. A slow warming trend then set in and by the 8th, temperatures were above the seasonal level. Cool air again moved over the State on the 10th, with readings seasonal or below continuing through the morning of the 22nd. The coldest period was the 17th through the 21st. Temperatures during this interval were more typical of mid-March than mid-April. General frost was reported in central and northern counties on the morning of the 14th with state-wide frost or freezing temperatures on the morning of the 19th. From the afternoon of the 22nd through the 25th, warm weather prevailed, turning cool again on the 26th. This cool spell lasted for two days and the balance of the month saw a return to above seasonal readings. The mean temperature for the State was 53.6° which is 2.5° below normal. The monthly mean temperatures ranged from 57.1° at Pikeville to 49.2° at Covington WB Airport. Maximum temperatures throughout the State ranged from 80° to 94° with the highest temperature reported being 94° at Pikeville on the 29th. Minimum temperatures ranged from 22° to 32° with the lowest being 22° at Benham on the 17th.

Precipitation averaged slightly below

normal although there were 26 days with some rain or snow in one section of the State or another. The amount of precipitation was rather equally distributed with the extreme northern and eastern counties receiving the smallest amounts. Daily amounts were generally moderate with none of the reporting stations recording as much as 2 inches in any 24-hour period. A general soaking rain over the State occurred on the 6th and 7th. Interaction between a warm air mass and a very cool air mass brought general state-wide rain on the night of the 17th and on the 18th, with sleet and snow recorded in most central and northern counties on the 18th and 19th. Snow accumulated to as much as 2 inches in more northern localities on the 18th. The other periods of general rainfall were the 24th-25th and the last day of the month. The average precipitation for the State was 3.90 inches which is 0.05 below normal. The total amounts recorded at the various locations ranged from 5.42 inches at Taylorsville to 1.89 inches at Greensburg Highway 61 BR. The heaviest rainfall in any one day was 1.72 inches at Eddyville Lock F and Hopkinsville reported on the 30th. The monthly average of snowfall was 0.3 inch which is 0.1 inch above normal. The greatest depth on the ground was 2 inches at Covington WB Airport and Williamstown on the 19th. The greatest amount of snowfall was 4.5 inches at Benham.

Windstorms on the 8th at Mt. Washington, on the 10th in Carter and Maggoffin Counties, and on the 15th in Franklin, Scott, and Jefferson Counties resulted in an estimated total damage of \$79,000.

Farm work suffered more than the usual amount of delay during the month due to cold, and in some areas, wet weather. Pasture growth and development of tobacco plants were slowed by the cold weather. There were reports of wildfire in tobacco plant beds in some south-central and western counties. Most tobacco ground has been plowed and worked down ready for setting. The condition of wheat at the end of the month was far above average. Although there was scattered light frost damage to oats and barley, the outlook for small grains continued to be excellent. Peaches were damaged by the frosts or freezes during the month with the extent of the damage varying from little damage to total loss. - W.S.



# SUPPLEMENTAL DATA

KENTUCKY  
APRIL 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 P CST	6:30 P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	
LEXINGTON WB AP	W	14	15.0	-	-	-	72	79	59	65	8	8	6	3	0	0	23	-
LOUISVILLE WB AP	WNW	11	10.7	57	W	16	73	79	55	58	8	6	8	0	2	0	24	44

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more
1889	57.0	89	24	1.61	-	-	1914	55.7	91	13	3.62	T	10	1939	53.7	91	21	6.07	T	13
1890	57.0	92	28	4.04	-	-	1915	60.1	96	17	0.96	0.0	5	1940	54.1	89	19	4.88	0.1	11
1891	58.0	92	24	2.52	-	-	1916	54.0	89	23	2.64	1.4	9	1941	60.0	93	27	2.89	0.0	9
1892	56.0	88	22	7.12	-	-	1917	55.8	90	19	5.02	0.5	8	1942	58.1	95	18	3.01	T	5
1893	58.0	94	21	6.99	-	-	1918	53.9	87	25	4.07	0.3	12	1943	54.1	87	20	3.93	T	13
1894	56.0	94	23	3.54	-	-	1919	56.7	89	19	3.51	0.0	10	1944	55.6	89	17	4.73	0.2	11
1895	57.2	94	22	3.18	-	9	1920	50.8	89	22	6.16	0.2	13	1945	58.6	89	22	4.36	0.0	11
1896	63.6	96	24	1.65	-	6	1921	58.2	90	22	4.09	T	10	1946	59.6	92	24	2.13	T	8
1897	55.5	90	25	6.03	T	11	1922	59.5	88	25	4.25	0.0	10	1947	58.0	90	28	4.84	T	12
1898	52.4	86	19	3.38	1.1	9	1923	54.8	90	13	4.88	0.0	9	1948	60.4	94	24	5.49	0.0	8
1899	57.2	96	20	3.16	0.3	9	1924	57.4	93	19	3.41	0.1	10	1949	53.9	86	22	3.52	T	16
1900	56.2	90	15	2.15	T	8	1925	61.2	98	23	3.16	0.0	10	1950	52.3	91	17	2.98	T	10
1901	50.9	91	23	4.01	2.6	10	1926	51.6	87	16	3.17	T	10	1951	53.8	92	23	3.30	0.4	12
1902	54.2	93	22	2.65	0.1	9	1927	58.7	92	22	6.39	T	15	1952	55.8	91	22	2.72	T	10
1903	55.4	90	22	4.43	T	12	1928	52.9	83	21	4.20	0.6	11	1953	53.6	94	22	3.90	0.3	13
1904	50.8	85	16	2.83	1.7	11	1929	60.1	90	23	3.57	0.0	10							
1905	56.7	91	23	3.00	0.2	9	1930	58.9	94	21	1.31	0.0	6							
1906	59.5	94	23	1.40	0.0	6	1931	55.9	89	25	4.52	0.1	8							
1907	48.2	87	19	2.78	0.2	11	1932	56.4	86	25	3.88	T	10							
1908	59.8	89	23	6.56	0.8	14	1933	55.7	87	27	4.74	0.0	13							
1909	56.1	96	21	5.98	T	10	1934	56.9	90	24	2.16	T	8							
1910	55.4	88	23	5.14	0.7	14	1935	55.3	92	24	4.42	T	12							
1911	53.8	90	20	7.06	T	14	1936	53.1	90	19	4.79	0.1	11							
1912	58.4	87	25	7.90	T	12	1937	55.9	91	22	4.38	0.0	12							
1913	55.3	89	27	2.73	T	10	1938	59.3	91	22	2.85	T	9							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
APRIL 1953

TABLE 2

Station	Temperature												Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
										Max.		Min.						Total	Max. Depth on Ground	Date	0.1 or More	.50 or More	1.00 or More		
										50° or Above	32° or 20° or 10° or 0° or Below	30° or 20° or 10° or 0° or Below	0° or Below												
WESTERN DIVISION																									
BEAVER DAM	67.0	43.4	55.2	- 1.8	84	9	30	19	312	0	0	4	0	3.60	- .54	.93	18	.0	0		10	3	0		
FOROS FERRY DAM 50	66.2	44.9	55.6		86	9	30	19	303	0	0	2	0	3.83	- .39	.91	30	T	0		17	2	0		
GOLDEN POND 8 N	67.8M	43.8M	55.8M				26	19	299	0	0	0	0			1.23	30								
GREENVILLE 2 W	66.0	42.9	54.5	- 2.5	83	9	25	19	334	0	0	5	0	5.17	.42	1.30	18	.0	0		13	4	2		
HENDERSON 4 SW	64.2	44.5	54.4	- 3.1	84	9	30	19	344	0	0	3	0	4.61	.55	1.59	18	1.0	T	18	15	3	1		
HICKMAN 1 E	64.4	43.5	54.0		80	9+	30	19		0	0	2	0	3.94		1.35	30	.0	0		10	3	1		
HOPKINSVILLE	66.0M	43.8M	54.9M	- 2.4	85	10	29	19		0	0	0	0			1.72	30	.0	0		16				
LOVELACEVILLE	67.1	43.8	55.5	- 2.9	84	9	28	4+	301	0	0	3	0	3.32	- 1.46			T	0		8				
MADISONVILLE 1 SE	67.3	44.1	55.7		83	9	31	19	297	0	0	2	0	4.60		1.50	30	T	0		14	3	1		
MAYFIELD 2 S	66.4	43.4	54.9	- 3.4	81	8+	28	19	317	0	0	2	0	4.35	- .06	.85	30	.0	0		10	3	0		
MURRAY	68.5	43.7	56.1	- 2.1	85	9	28	19	285	0	0	4	0	4.27	- .14	1.10	18	.0	0		8	4	1		
OWENSBORO 2 W	64.4	44.2	54.3	- 1.6	83	9	29	19	335	0	0	2	0	4.91	.93	.95	18	T	0		15	4	0		
PAOUCAH CAA AIRPORT	63.9	43.9	53.9		84	9	29	19	345	0	0	3	0	3.46		.98	29	T	0		11	3	0		
PAOUCAH	64.4	42.3	53.4	- 5.3	86	10	30	4+		0	0	4	0	3.86	- .68	1.15	30	.0	0		10	2	2		
PRINCETON	66.7	41.6	54.2	- 3.6	85	9	24	19	333	0	0	8	0	4.73	.50			.0	0		10				
RUSSELLVILLE	68.0	43.8	55.9	- 1.0	86	9	28	19	298	0	0	3	0	4.82	.46	1.64	30	.0	0		14	3	1		
DIVISION														4.25											
CENTRAL DIVISION																									
ANCHORAGE	63.2	40.3	51.8	- 2.3	81	9+	25	14+	402	0	0	8	0	4.35	.48	1.32	18	2.0	T	18	11	2	1		
BAROSTOWN S J PREP SCH	66.5	41.4	54.0		82	9+	26	14	341	0	0	6	0	4.06		1.12	18	T	T	18	14	3	1		
BOWLING GREEN WB AP	64.0	42.3	53.2	- 2.6	83	9	28	19	369	0	0	6	0	3.76	- .56	1.09	18	T	0		12	3	1		
BURGIN OIX DAM	66.3	43.1	54.7	- 2.1	84	29	29	14	325	0	0	3	0	4.86		.72	7				14	4	0		
CAMPBELLSVILLE	65.6	40.1	52.9		81	9	27	19+	371	0	0	8	0	4.20		1.09	18	T	0		11	3	1		
CARROLLTON LOCK 1	63.7	40.4	52.1		82	23	27	13+	386	0	0	6	0	2.62	- .91	.42	19	.0	0		17	0	0		
CLERMONT 1 SSE	66.9	40.9	53.9		83	9+	25	14	349	0	0	10	0	4.33		1.15	18	T	0		12	2	1		
COVINGTON WB AIRPORT	58.7	39.7	49.2	- 2.9	80	9	26	19	469	0	0	5	0	2.66	- .93	.76	18	3.3	2	19	17	1	0		
DANVILLE	62.3	41.8	52.1	- 2.8	83	30	30	14		0	0	3	0	5.00	.96			T	0		18	0			
FRANKFORT LOCK 4	63.3	38.6	51.0	- 4.6	84	30	27	14+		0	0	8	0	4.31	.38	.88	7+	.0	0		16	2	0		
GLASGOW WKAY	66.3	42.2	54.3		81	9+	28	19	338	0	0	9	0			1.21	30	.0	0		11				
GREENSBURG	63.9	40.6	52.3	- 3.1	82	10	30	14+		0	0	6	0	5.39	- 1.51	1.28	24	.0	0		12	5	1		
IRVINGTON	65.0	42.9	54.0	- 2.1	82	9+	28	19	348	0	0	4	0	3.91	- .11	1.09	18	T	0		12	2	1		
LEITCHFIELD	65.5	43.6	54.6	- 1.3	81	9	28	19	326	0	0	3	0	3.97	- .40	.78	30	.0	0		13	3	0		
LEXINGTON WB AIRPORT	61.3	40.9	51.1	- 1.8	82	29	28	19	425	0	0	4	0	3.88	.12	.80	18	.1	0		15	3	0		
LOUISVILLE WB AP	63.0	43.2	53.1	- 2.9	82	9+	31	14+	366	0	0	3	0	4.30	.29	1.17	18	.4	0		16	2	2		
LOUISVILLE WB CITY	63.2	45.5	54.4	- 2.1	83	23	32	18	338	0	0	1	0	3.76	- .30	1.19	18	.4	0		14	2	1		
MAMMOTH CAVE PARK	66.9	42.7	54.8	- .8	82	9	27	14+	325	0	0	7	0	4.74	- .03	1.31	18	T	0		13	4	2		
ST JOHN BETHLEHEM ACAA	63.5	40.0	51.8	- 3.1	81	10	25	19		0	0	7	0	4.10	- .12	.68	30	T	0		11	4	0		
SCOTTSVILLE	67.5	44.2	55.9		85	9	28	19	303	0	0	4	0	4.45		1.56	30	.0	0		9	3	2		
SHELBYVILLE 2 W	64.2	40.3	52.3	- 2.1	80	23+	25	14	386	0	0	9	0	4.67	.71	.85	7	1.0	0		15	4	0		
SOMERSET 1 N	66.2	41.7	54.0		84	24	29	17+	342	0	0	6	0	3.73		.80	30	T	0		15	3	0		
SUMMER SHADE	66.1	42.4	54.3		83	9	26	21	337	0	0	5	0	4.43		1.35	30	T	0		9	3	2		
WILLIAMSTOWN	63.4	40.6	52.0	- 2.0	82	29	26	14+	400	0	0	5	0	3.34	- .51	.85	19	1.5	2	19	17	3	0		
WOLF CREEK DAM	66.1	41.0	53.6		84	25	29	21		0	0	7	0	4.66		1.08	30	T	0		14	4	1		
DIVISION														4.15											
EASTERN DIVISION																									
ASHLAND DAM 29	65.6	42.7	54.2	- 1.2	84	29	30	19	337	0	0	5	0	3.30	- .29	.96	7	.4	0		14	1	0		
BARBOURVILLE	70.5	40.3	55.4		88	29	25	17	307	0	0	8	0	3.48		.90	30	T	0		10	2	0		
BAXTER	64.8	40.1	52.5		87	30	26	21		0	0	7	0	3.19		.80	7+	T	0		11	2	0		
RENHAM	64.7	37.5	51.1		89	30	22	17		0	0	12	0	3.18		.75	7	4.5	T	20+	14	3	0		
BEREA COLLEGE	64.0M	42.1M	53.1M	- 2.9	86	29	28	14+	372	0	0	4	0	3.57	- .22	.80	6	.1	0		12	2	0		
CORBIN CAA AIRPORT	65.0	39.0	52.0		85	24+	26	17	395	0	0	9	0	3.45		.78	30	T	0		13	2	0		
CYNTHIANA 7	63.6M	39.4M	51.5M		83	30	23	14	400	0	0	6	0	3.06		1.00	18	T	0		11	2	1		
FARMERS	65.8M	40.5M	53.2M	- 1.2	88	29	27	5+	369	0	0	6	0	3.99	.07	.82	12	T	T	20+	15	2	0		
GRAYSON	64.8M	40.3M	52.6M		87	29	28	5+	369	0	0	6	0	2.96		.84	7	T	T	20+	11	2	0		
HEIOELBERG LOCK 14	69.0	40.8	54.9	- .4	90	29+	26	14+	322	2	0	7	0	2.92	- .89	.63	1	.0	0		12	2	0		
HINDMAN SETTLEMENT SCH	67.0	38.8	52.9		88	25	24	17		0	0	9	0	4.44		.95	10	.0	0		16	2	0		
INEZ	72.5	40.5	56.5		88	10	29	5	244	0	0	1	0	2.75				.0	0		10				
MANCHESTER 4 SE	70.3M	38.6M	54.5M		89	29	24	17	359	0	0	0	0	3.08		.65	7				9	3	0		
MAYSVILLE DAM 33	64.5	38.6	49.6	- 4.5	83	25+	29	14+		0	0	7	0	3.16	- .51	.75	7	T	T	19	16	3	0		
MIOOLESBORO	70.2	42.4	56.3	- .6	87	29	24	17	288	0	0	7	0	3.79	- .59	1.00	30	T	0		9	3	1		
MOUNT STERLING	65.4	41.4	53.4	- .9	88	29	27	14	362	0	0	3	0	3.53	- .59	.84	18	.0	0		10	2	0		
PIKEVILLE	68.5	45.6	57.1	.4	94	29	31	17	261	1	0	2	0	2.41	- 1.19	.43	18	.0	0		14	0	0		
RICHMOND E STATE COL	61.7	42.2	52.0	- 4.1	84	25	29	14+		0	0	3	0	5.10		.81	7	T	0		17	4	0		
VANCERBUND OAM 32	64.7	42.0	53.4		83	9+	29	14	362	0	0	4	0	2.86	- 1.00	.91	7	T	0		16	3	0		
WEST LIBERTY WATER WKS	64.5	37.7	51.1		90	30	24	17		1	0	10	0	3.78		.80	7	T	0		12	3	0		
WILLIAMSBURG					86	9+				0	0	0		3.05	- 1.05	.88	1	.0	0		13	2	0		
DIVISION														3.38											
STATE														3.90		- .05									

# DAILY PRECIPITATION

KENTUCKY  
APRIL 1953

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON OAM 45	4.18	.27			.03		.30	.48		.25	.08		.35	T		.03	.45	.35	.73							.10	.35	.05	.05			.31	
ADOLPHUS 1 N	3.82	.78					.33	.33			.25		.25				.08	.03	.57								.05	.05				.170	
ALBANY	4.58	.82					.03	.60	.05		.33		.17	.22	.16		.22		.45								.51	.08				.124	
ALLEN	2.88	.35															.22		.24												.15		
ANCHORAGE	4.35	.28	T				.96		.28	T		T	.21				.132		.10	T	T	.11			.31	.19	.05		.19		.29		
ASHCAMP	3.43	.27					.64			.33			.45				.20		.87		.07							.20		.15		.45	
ASHLAND OAM 29	3.30	.06	T		.04		T	.98	.08		.45		.47	T			.29	T	.22	.35	.03	.01						.22	.04	.08			
BARBOURVILLE	3.48	.24					.33	.69		T	.35		.43	.04	T		.22		.20	T	T							.08	T			.90	
BARDSTOWN 5 J PREP SCH	4.08	.06	T				.53	.08		.21	.54		.26	T	.03		.42		1.12						.15	T	.07	.05		.10	.44		
BAXTER	3.19	.25					T	.80			.20		.20	.25	.15					.15	T	.02						.32	.05			.80	
BEAVER OAM	3.80	.12	T				.70		.19		T		.34			.15			.93						.15	.18	.03				.01	.81	
BENHAM	3.18	.10	.01	T			.02	.75			.18			.58	.07	T			.38	.00	.07					.15	T	.07	.10		.01	.74	
BEREA COLLEGE	3.57	.23					T	.80	.08	.10	.29		.48			.12			.22	.42	T						.24				.14	.40	
BEREA WATER WORKS	4.40	.08	.03	T			.40	.08			.18		.07				.19		.70									.07				.15	
BOWLING GREEN	4.07	1.10	T				.04	.37		T	.10		.12				.05		.75	.88								.04			T	1.34	
BOWLING GREEN SUBSTA	4.73	1.17	.01				.05	.36			.01		.10			.01	.13	.54	.70								.14	.03				1.48	
BOWLING GREEN WR AP	3.78	T					.37	.03	T	T	.15	.02	.18			.15		.18	1.09						T	.15	T	.04			.85	.57	
BRENT OAM 38	2.05	.21	.19		.05	T		.17		T	.08		.21	.01			.30	T	.51	.43	T	T					.10	.03	.08	.04	.401	.05	
BROWNVILLE LOCK 8	5.08	1.12					.24	.38	T	.20	.10		.22			.04	.27		.00	.82							.14	.05				1.10	
BURNSIDE	3.85	.49	T					.85	T		.25		.20	.30	.15		.25		.59	T	T			T	T			.27	.20		.50		
BURNSIDE	4.80	.70	T				.19	.72		.28	.37		.65			T	.15		.80	.40	T						.05	.08	.12	.15		.42	
BURNSIDE	4.93	.94	T			T	.08	.49			.87	T	.69	.01	.03	T	.08	T	.02	.58	T	T				.08		.10	T		.128		
BURNSIDE	4.23	.64					.11	.85	.03		.50		.54	.04	.05		.27		.08	.51		T	.02			.08		.07	.00			.91	
CAHOI LOCK E	5.28	.53					.28			.05	.07					.50	.09		.93	.06					.08	.88					.07	1.43	
CAMPBELLVILLE	4.20	.32	T				.44	.06	.14		.44		.50	T		.10			1.09	T							.18	.11				.78	
CARROLLTON LOCK 1	2.82	.06			.04		.31	.20		.05	.13	.25				.32			.32	.42						.10	.18	.05	.08	.03		.08	
CLERMONT 1 SE	4.33	.28	T			.04	.91	.20	T	.35	.31	T				.05			1.15		T				.25	T	.13	T	.18		.42		
COLLEGE HILL LOCK 11	3.92	.36					.08	.87	T	.05	.44	.50	.03				.24		.80	.38	T							.89	.05	.08		.11	
COLUMBIA	3.74	.76					.08	.47			.55	.11				.09			.10	.50							.11				1.00		
CORBIN CAA AIRPORT	3.45	.39	T	T			.65	.04		.02	.49		.37	.08		.09					.01						.08	.05	T		.78		
COVINGTON W 8 AIRPORT R	2.68	.21	T	.04			T	.34	T	T	.05	.05	.11	T	.32		.32	.01	.30	.70	.05	T				.10	.07	.07	.01	.02	.03		
CUNREPLANO FALLS ST PK	4.29	.59					.45	.52			.55	.50		.11		.05	.11		.38	.58	T										1.02		
CYNTHIANA	3.31	.10			.02		.13	.12			.17			T	.23		.22		.38	.58	T	T				.19	.03	.11	T	.15	.05		
CYNTHIANA 2	3.08	.09					.66	.12	T		.17		.05			.25			1.00	T							.11	.04	.13		.00		
DANVILLE	5.00	.08	T			.20	*	.79		.29	.17		.39	.01	.01	T	.20		.82	.50	T					.03	.11	.11	.18	.11	.52		
DELPHIA 1 E	3.10	.18	.03				.08	.87		.25	.12	.28	.05	.01			.15	.20		.01	.05						.01	.18				.84	
DEMA	2.92	.18					.21	.30		.19	.36	.15					.20		.45									.32	.13			.45	
DEWEY OAM	2.79	.32					.05	.83	.03		.42	.25	.07				.26	.15	.22	T	.01							.15	.02	.16		.05	
DUNDEE BARRETT'S FORD 8R	3.47	T				T	.25	.55		.30	T	.18	.02			.05	.03	.05	.32									.34	.05	.05		.88	
DUNMORE	4.63	.04					.20	.41		.02				.18		.02	.54	.94									.35					1.33	
DUNNVILLE	-	-					.62				1.10					.80																1.72	
EDDYVILLE LOCK F	4.58	.10			T		.25	.26		.05	.04		.30	.11			.82	.28							.18	.60		.05	.05		1.20		
EDMONTON	4.54	1.58					.08	.28		.05	.10		.17				.19	T	.10	.85											.23	.10	1.20
ELKHORN CITY	2.86	.15					.28			.02	.01	.29		.15	.30	.02		.19	T	.09	.50												.17
FALMOUTH	3.64	.43			.02		.12	.84			.02	.01	.29		.12	.02	T	.42	T	.09	.92	.01	.06	.01	.03	T	.02	.08		.07	.03		
FARMERS	3.99	.20	T				.04	.81		.20			.82	.06	.01		.39		.43	.45	T	T					.01	.24	.08	.20		.05	
FLEMINGSBURG	2.70	.14	T				.15	.83	T	.03			.11				.52	.43	.53	.03	T							.03	.05	T	.03		.02
FORD LOCK 10	4.20	.29	T	T			.09	.85	T	.13	.58		.59				.31	.50	.49	T	T							.00	.04	.04	.07	.12	
FORDS FERRY OAM 50	3.83	.05				.02	.28	.23		.30	.02		.45	T	.08		.01	.55	.38	T						.15	.28	.09	.04	.01	.91		
FRANKFORT LOCK 4	4.31	.48			.03		.09	.88		.24	.17		.22	T			.16		.44	.88						.13	.08	.25	.05	.13	.12		
FRANKLIN WATER WORKS	4.87	1.32					.44									T				.89							.39				1.03		
FREEBURN	1.97						.98			.32				.21					.44	.25	.01	.02					.13						



# DAILY PRECIPITATION

KENTUCKY  
APRIL 1953

Table 3—Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RUSSELLVILLE	4.82	.88				.09	.20				.01		.07	.02		.07	.17		.90	.29						T	.31	.01	.02			1.04		
RUSSELLVILLE SUBSTA	4.40	.74					.47		T				.05	.03		.10			.58	.53							.03	.29	T		.02		1.04	
ST JOHN BETHLEHEM ACAA	4.10	.24				.28	.58				.40		.26	T			.20		.50	.55						.03	.30					.08		
SALVISA LOCK 0	4.17	.55	T			.10	.64			.21	.52		.44	T	T	.03	.10		.28	.00	T					.02	.02	.11	.05	.13		.31		
SALYERSVILLE 2	2.30	.17				.04	.50			.01	.19		.23	.04	.02		.24		.22	.22			.01						.15	.02	.18		.12	
SCOTTSVILLE	4.45	1.20					.44				.04		.27			.12			.70							.03	.03					1.50		
SERREE WATER WORKS	4.99	.12		.05	T	T	.67		T	.37	T		.43	.03		.24			1.02	T	T			T		.30	.44	.20	.02		T	1.00		
SHANNEE STEAM PLANT	4.14	.27				.38	.20			.04	.09		.20						1.08	.24						.50	.09					1.05		
SHELBYVILLE 2 W	4.07	.32	T			.05	.19	.85		.34	.02		.24					.56	.55	.75	T	T				.12	.12	T	.12	.17	T	.25		
SHEPHERSVILLE	5.02	.28				.01	.41	.07		.24	.39		.31			.02	.07		.47	.58						.87	.03	.08	.21	.40				
SOMERSET 1 N	3.73	.55				.01	.39	.11		.21	.22		.39	.02		.00		.11	.54		T					.01	.19	.12				.80		
SPRINGFIELD	3.51	.49					.10	.41		.15	T		.38		T	.05		.11	.50	.52						.04	.38	.18		.18		.50		
STEARNS 2 N	5.27	.60						.98			.18		.54			.54			.54									.38				1.51		
SUMMER SHADE	4.43	1.19				.03				.31			.33	T		.10			.74		T						T	.07				1.35		
SUMMER SHADE SUBSTA	4.02	1.10					.86	.31			.29					T	.10		.07	.65							.07	.07	.02			1.35		
TAYLORSVILLE	5.42	.75					.22	.58		.30	.33	T	.28				.04		.39	.82					1.20	.20	.03	T	.18		.30			
TOWPKINSVILLE 2	4.02	.08						.38			.43		.91						.02													1.00		
TURKEY CREEK SCHOOL	5.20	.04				.01	.15	.38	.01	.03	.02		.05			.00			.92	.08						.03	.73	.61	.01		.04	1.49		
TYRONE LOCK 5	3.81	.01				T	.08	.64		.20	.10		.21				.20		.29	.60						.40	T	.05	.84		.09	.18		
UNIONTOWN DAM 49	4.34	.03				T	.62	.19		.33			.50	T		.02	.19		.90	.55						.10	.15	.01	.01	.02		.72		
VALLEY VIEW LOCK 9	4.44	.41	T				.17	.64		.22	.53		.72			T	.23		.58	.52		.01					.05	.01	.01	.11		.22		
VANBUREN	4.75	.07	T	T			.25	.52	.23		.25	.30				T	.41		.34	.73		.02				.44	.08	.05	.03	.14	.29			
VANBURG DAM 32	2.00	.00	.02			.02	.02	.91		.02	.05						.31	.01	.54	.50	.04	T					.01	.16	.04	.13				
WAYNESBURG 0 E	4.31	.64					.14	.55		.00	.53			.02			.29		.12	.45								.24				.07		
WEST LIBERTY WATER WKS	3.78	.30						.80		.25	.54			.03			.27		.33	.05	T	.10						.28		.10		.13		
WESTPORT	3.30	.34	T				.06	.34		.10		.28		T	.10		.22	.90								T	.58	.08	.04			.24		
WILLIAMSBURG	3.05	.88	.11				.83			.15	.46		.46		.04	*				.48									.07	.07	.01			
WILLIAMSTOWN	3.34	.11	.02		.03		.31	.51		.02			.13	.05			.27		.74	.05	.02				.07		.03	.04		.09	.05			
WILLOW LOCK 13	3.90	.77					.12	.70			.27		.66	.10			.22		.20	.44		.10										.26		
WOLF CREEK DAM	4.00	.87					.02	.40		.09	.48		.03	.02	T		.00		.02	.07	.01							.21	.04			1.08		
WOODBURY LOCK 4	3.27	.25					.12	.33		.07	T		.20				.05		.55	.52								.12	.61	T		1.05		



# DAILY TEMPERATURES

KENTUCKY  
APRIL 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	65 48	51 43	63 33	56 32	60 31	50 43	62 38	64 42	61 53	73 47	62 34	52 42	52 29	61 25	57 44	55 37	67 33	50 31	42 25	48 27	63 30	78 41	81 57	77 52	75 62	66 43	52 41	76 39	80 48	74 58	63.2 40.3	
ASHLAND DAM 29	MAX MIN	72 52	59 47	65 43	60 45	64 32	62 46	53 43	64 38	83 48	76 59	66 37	63 46	54 40	60 31	55 35	58 40	67 32	63 36	46 30	45 32	63 33	79 36	82 63	83 49	78 62	63 48	51 39	60 31	50 40	68 43	61 58	65.6 42.7
BARBOURVILLE	MAX MIN	74 52	67 43	70 33	71 43	68 27	62 48	58 46	77 36	85 44	81 54	74 33	74 40	63 26	61 33	60 26	58 36	72 25	72 39	48 27	46 29	66 30	77 29	76 58	86 57	85 62	84 48	52 39	79 31	88 40	82 58	70.5 40.3	
BAROSTOWN S J PREP SCH	MAX MIN	72 51	53 42	66 33	63 34	60 43	59 43	63 40	64 40	82 49	82 47	63 38	60 45	52 33	61 26	62 45	62 37	70 32	68 31	44 28	45 31	63 32	77 42	78 61	80 54	76 61	76 42	53 41	80 40	81 53	81 57	66.5 41.4	
BAXTER	MAX MIN	63 48	73 47	50 36	69 39	62 30	65 37	53 49	54 39	76 41	82 59	67 36	73 46	64 39	48 31	60 36	58 36	60 27	68 39	45 34	46 26	61 27	72 32	71 53	85 61	70 51	65 41	61 34	75 39	87 57	64.8 40.1		
BEAVER DAM	MAX MIN	71 50	52 44	65 40	61 33	55 32	54 44	66 41	70 45	84 56	81 46	64 36	59 44	55 36	66 33	65 40	56 37	72 34	61 34	47 30	51 32	65 32	81 45	79 63	77 65	77 60	74 43	62 40	82 39	79 44	78 55	67.0 43.4	
BENHAM	MAX MIN	68 52	74 44	46 35	70 40	65 28	63 32	54 42	52 34	75 36	84 58	70 28	66 32	62 34	59 28	60 35	60 36	61 22	70 32	67 28	45 28	60 25	63 28	74 53	63 56	69 49	73 39	64 32	46 32	77 44	89 57	64.7 37.5	
BEREA COLLEGE	MAX MIN	65 53	53 44	69 39	56 40	63 35	50 45	58 42	69 40	78 50	64 41	57 40	50 41	60 31	60 28	63 43	53 36	69 28	60 37	45 28	42 30	63 36	77 46	77 62	85 61	75 63	63 43	49 39	78 39	86 41	79 57	64.0 42.1	
BOWLING GREEN WB AP	MAX MIN	59 47	53 45	63 40	61 36	62 34	52 46	63 44	73 42	83 63	63 49	65 37	53 41	56 34	63 40	65 40	56 35	69 32	53 31	48 28	48 30	62 30	76 44	78 60	72 61	74 56	56 40	60 42	78 54	81 58	75 58	64.0 42.3	
BURGIN OIX DAM	MAX MIN	67 54	54 52	67 34	66 38	64 33	56 45	61 42	66 40	79 55	79 50	65 37	61 46	51 34	60 29	60 43	60 38	67 34	70 34	44 31	44 30	63 35	79 41	82 62	77 58	73 63	50 49	78 42	84 39	82 58	66.3 43.1		
CAMPBELLSVILLE	MAX MIN	66 50	54 40	64 45	64 34	62 29	54 43	63 41	68 50	81 44	76 44	67 34	56 43	52 31	62 28	60 43	60 34	68 31	62 32	46 27	47 27	60 30	76 40	76 59	74 58	72 58	40 38	78 38	80 51	79 55	65.6 40.1		
CARROLLTON LOCK 1	MAX MIN	59 51	52 43	65 36	60 36	62 43	58 43	58 39	60 38	80 82	77 63	63 34	50 44	56 27	56 27	65 45	56 37	64 37	56 31	44 29	49 31	62 34	77 42	82 57	77 60	74 63	72 43	51 41	71 42	81 56	81 52	63.7 40.4	
CLERMONT 1 SSE	MAX MIN	69 51	53 43	66 32	61 28	62 44	52 40	64 40	70 50	83 60	82 49	66 33	57 43	54 31	64 25	62 47	58 39	71 30	64 31	45 26	50 29	65 32	79 41	82 60	77 54	73 62	43 42	56 38	79 38	81 54	77 59	66.9 40.9	
CORBIN CAA AIRPORT	MAX MIN	70 50	49 43	69 31	60 34	65 29	58 47	55 39	74 35	83 46	71 41	71 33	64 43	46 31	59 28	59 38	54 26	71 30	64 32	47 29	40 30	62 33	78 63	73 60	85 60	75 60	61 40	51 36	77 33	85 42	72 58	65.0 39.0	
COVINGTON W B AIRPORT	MAX MIN	56 44	51 41	61 34	55 35	58 42	47 36	53 43	56 38	80 51	72 46	59 35	47 38	46 33	58 27	51 38	51 35	58 40	42 28	37 26	44 31	59 34	75 43	76 56	74 52	73 54	54 40	46 40	68 42	79 56	70 58	58.7 39.7	
CYNTHIANA 2	MAX MIN	65 52	52 43	64 33	64 30	61 37	57 43	54 39	61 35	79 49	74 48	64 32	59 42	49 34	58 23	56 39	55 37	64 32	43 29	45 30	62 33	77 40	82 50	81 60	74 62	64 41	63 41	72 37	83 43	63.6 39.4			
DANVILLE	MAX MIN	68 47	62 42	48 35	66 38	60 35	64 42	50 42	60 39	66 45	78 48	62 38	64 45	58 34	49 30	60 38	57 37	59 34	68 45	53 31	44 31	44 34	62 42	76 50	79 60	80 62	72 48	51 41	71 40	77 57	83 57	62.3 41.8	
FARMERS	MAX MIN	68 48	59 44	67 36	66 40	64 27	58 50	58 42	67 34	81 55	80 45	65 34	62 45	52 39	58 27	58 35	60 38	68 27	65 36	45 30	42 30	61 34	78 30	84 65	83 70	70 45	50 42	74 35	88 44	65.8 40.5			
FORDS FERRY DAM 50	MAX MIN	67 51	51 45	61 37	64 31	62 37	51 45	62 42	77 49	86 57	79 46	58 41	50 45	55 39	67 49	66 49	58 37	69 43	59 33	48 30	53 33	65 45	79 51	77 63	73 60	77 60	71 43	65 40	81 50	77 58	77 56	66.2 44.9	
FRANKFORT LOCK 4	MAX MIN	62 47	65 44	51 36	65 37	60 30	62 30	49 42	62 37	71 38	80 52	61 36	64 35	55 34	52 27	65 27	60 39	56 32	49 32	44 31	48 30	62 32	79 35	82 43	81 54	75 53	49 42	56 39	72 44	84 45	63.3 38.6		
GLASGOW WKAY	MAX MIN	72 52	61 44	65 37	60 34	63 32	55 46	63 45	72 40	81 61	78 46	66 36	59 45	53 29	63 40	62 42	58 32	68 31	48 28	47 31	62 29	76 41	77 61	74 62	73 45	58 42	78 39	81 58	79 51	66.3 42.2			
GOLDEN POND 8 N	MAX MIN										66 46	61 36	57 46	57 36	68 40	67 49	60 38	69 33	64 26	52 34	64 32	79 49	80 66	78 61	76 44	74 39	64 45	81 39	79 45	75 57	67.8 43.8		
GRAYSON	MAX MIN	72 51	56 46	67 42		65 28	57 46	53 43	65 34	80 46	64 45	69 34	49 45	60 40	59 28	59 34	56 39	67 28	64 35	46 30	43 30	64 37	78 30	80 57	83 48	74 56	66 45	71 42	87 34	76 56	64.8 40.3		
GREENSBURG	MAX MIN	71 49	63 45	50 36	67 36	61 31	65 38	53 42	61 45	69 42	82 49	63 35	66 42	57 35	53 30	62 35	62 38	56 30	70 33	54 30	47 32	46 32	63 48	77 61	78 63	74 50	53 42	57 40	79 43	79 55	63.9 40.6		
GREENVILLE 2 W	MAX MIN	66 50	50 43	64 36	62 31	62 33	52 43	64 42	73 45	63 52	76 44	62 37	55 43	65 36	66 32	66 47	56 36	69 33	61 25	51 30	51 30	64 32	79 48	78 64	73 62	74 59	70 43	61 39	79 43	79 58	79 56	66.0 42.9	
HEIDELBERG LOCK 14	MAX MIN	69 52	61 45	70 40	70 44	66 28	62 46	59 46	62 36	70 47	79 53	70 33	65 46	56 40	62 26	62 35	59 39	70 26	69 39	47 29	44 29	65 28	81 50	88 55	86 53	68 49	52 42	77 34	90 42	90 57	69.0 40.8		
HENDERSON 4 SW	MAX MIN	67 49	51 43	60 40	61 37	57 39	49 44	62 39	69 48	84 60	77 49	55 38	50 42	55 38	64 36	65 49	55 36	68 40	60 32	46 30	52 32	63 36	79 49	72 63	75 62	60 44	62 40	79 48	76 56	57 57	64.2 44.5		
HICKMAN 1 E	MAX MIN	70 50	60 45	59 36	64 34	65 37	80 40	65 45	80 56	80 45	60 45	60 45	49 45	60 37	68 34	68 47	62 35	58 35	68 36	45 30	54 34	56 32											

KENTUCKY  
APRIL 1953

Table 5 - Continued

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MANCHESTER 4 SE	MAX	70	63	70	67	68	58	57	73	84	74	72	53	61	60	58		72	67	41	42	63		78	78	82								70.3	
	MIN	53	44	34	44	28	46	43	36	43	56	32	38	27	34	36		24	39	29	26	28		29	54	59					40	42		38.6	
MAYFIELD 2 S	MAX	62	55	62	62	62	54	64	81	61	77	61	53	57	66	66		59	65	64	51	52	63		76	81	77		74	72	64	79	78	73	66.4
	MIN	47	42	36	34	30	44	41	47	61	43	42	44	37	34	46		33	38	33	28	30	35		50	61	59		59	43	36	49	55	55	63.4
MAYSVILLE OAM 33	MAX	55	65	48	59	59	61	48	54	74	80	61	63	53	49	55		54	53	63	46	43	43		61	78	80		83	73	54	46	71	83	60.5
	MIN	46	45	35	35	30	30	41	35	47	54	35	35	39	29	38		38	32	35	29	29	32		33	39	49		49	50	42	37	42	48	38.6
MIDDLESBORO	MAX	77	70	70	69	69	63	56	78	84	82	76	73	66	62	61		58	70	69	52	48	65		74	76	86		84	67	55	75	87	84	70.2
	MIN	53	46	33	44	28	49	49	38	49	59	34	45	39	31	34		36	24	46	33	32	30		30	60	56		62	51	42	32	49	58	42.4
MOUNT STERLING	MAX	66	53	66	65	65	59	58	66	79	72	66	57	49	58	56		54	68	63	47	43	61		77	79	82		80	73	59	73	88	80	65.4
	MIN	53	43	36	35	35	42	40	38	54	51	37	45	36	27	39		36	34	33	29	29	33		40	60	56		53	43	40	38	48	58	41.4
MURRAY	MAX	60	60	65	65	64	56	65	83	85	81	62	60	60	69	68		60	68	66	54	55	66		79	82	69		78	72	66	81	79	75	68.5
	MIN	49	44	34	32	35	46	41	47	64	45	43	46	38	32	41		35	35	36	28	32	34		47	64	61		60	47	38	46	56	56	43.7
OWENSBORO 2 W	MAX	63	51	62	59	58	49	67	70	83	75	60	49	53	64	65		55	68	54	45	50	63		79	77	73		75	67	64	80	78	75	64.4
	MIN	53	43	41	34	34	44	39	48	58	45	40	45	38	35	49		36	36	37	29	31	33		45	63	61		60	46	42	47	57	57	44.2
PAOUCAH CAA AIRPORT	MAX	61	55	58	63	59	50	64	81	55	65	53	48	58	67	66		57	65	45	51	53	65		79	80	71		76	51	65	80	73	75	63.9
	MIN	47	41	35	33	38	45	42	50	84	43	42	43	37	37	41		35	43	30	29	32	38		51	65	61		50	45	39	53	57	59	43.9
PAOUCAH	MAX	74	54	55	60	63	60	50	64	82	86	63	56	50	58	68		69	56	69	42	52	53		65	80	84		72	77	50	64	81	75	64.4
	MIN	51	45	34	30	30	38	43	46	51	46	41	44	40	38	38		36	36	38	30	31	35		35	46	64		61	48	41	42	54	57	42.3
PIKEVILLE	MAX	77	53	75	68	68	62	51	72	85	74	75	70	62	63	62		61	72	68	47	44	66		79	76	88		75	68	55	75	94	71	68.5
	MIN	55	49	46	48	32	50	49	41	52	62	40	48	41	38	36		41	31	41	37	36	36		35	67	55		56	55	44	39	47	60	45.6
PRINCETON	MAX	64	55	63	63	61	55	67	76	85	73	64	55	59	68	67		58	70	61	51	58	65		80	80	71		77	58	64	81	78	74	66.7
	MIN	49	44	36	28	31	44	47	46	57	44	35	44	32	29	48		35	29	36	24	30	26		42	63	60		57	43	42	42	54	56	41.6
RICHMOND E STATE COL	MAX	66	63	46	64	61	61	49	56	69	76	60	63	56	49	56		57	57	68	55	43	45		60	75	75		84	78	51	49	75	83	61.7
	MIN	42	42	33	39	36	45	41	39	50	51	37	45	35	29	39		36	34	46	29	30	34		42	56	60		63	49	41	37	48	58	42.2
RUSSELLVILLE	MAX	70	53	67	64	65	56	65	75	86	80	65	59	57	66	68		59	73	65	52	52	66		81	83	78		77	52	63	83	82	78	68.0
	MIN	51	44	38	33	33	46	45	45	64	48	39	46	37	31	48		37	34	36	28	31	33		48	62	62		50	44	42	41	59	58	43.8
ST JOHN BETHLEHEM ACO	MAX	70	65	54	64	60	62	48	62	68	81	62	62	52	51	61		61	55	68	61	45	49		67	77	77		74	74	62	54	78	80	63.5
	MIN	42	40	33	37	30	42	38	39	44	45	36	42	32	29	37		36	30	30	25	26	32		46	57	55		58	44	42	43	46	51	40.0
SCOTTSVILLE	MAX	70	54	67	62	65	60	63	75	85	80	69	60	55	65	60		56	69	64	50	48	64		77	80	78		76	70	60	80	82	81	67.5
	MIN	51	44	39	37	34	49	45	43	63	49	38	48	34	31	44		38	35	38	28	32	31		46	61	62		63	46	43	40	57	58	44.2
SHELBYVILLE 2 W	MAX	65	51	62	58	59	58	67	69	79	76	65	55	50	59	57		54	67	59	49	47	62		76	80	77		74	69	52	76	80	75	64.2
	MIN	50	42	32	30	31	43	38	39	56	43	36	41	31	25	44		38	33	30	26	29	30		44	58	52		61	41	40	40	50	57	40.3
SOMERSET 1 N	MAX	67	65	65	59	63	55	56	71	81	75	68	61	59	60	59		56	70	63	54	43	60		75	75	84		76	65	65	77	83	78	66.2
	MIN	54	40	35	42	30	45	42	39	59	48	35	46	36	30	41		35	29	34	29	29	32		39	62	58		60	44	40	36	46	57	41.7
SUMMER SHADE	MAX	65	51	67	60	65	56	61	75	83	71	69	60	57	63	63		55	71	62	48	47	63		76	78	78		76	67	58	80	82	77	66.1
	MIN	50	45	36	35	32	46	45	38	60	49	36	45	33	29	46		37	36	35	27	30	26		42	61	59		63	44	41	38	51	57	42.6
VANCEBURG OAM 32	MAX	70	55	65	60	63	58	57	64	83	77	64	59	51	59	55		56	64	61	44	43	61		79	80	82		79	75	46	68	83	80	64.7
	MIN	50	45	40	37	30	45	41	36	47	58	36	46	39	29	38		37	38	34	30	32	36		35	62	48		63	45	42	38	46	57	42.0
WEST LIBERTY WATER WKS	MAX	61	70	50	60	65	66	57	60	72	80	76	70	61	51	62		59	55	70	62	49	47		52	60	68		87	74	74	51	75	90	64.5
	MIN	47	45	40	32	30	40	41	34	36	55	32	31	35	27	34		38	24	40	27	27	29		32	35	40		58	50	42	33	39	57	37.9
WILLIAMSBURG	MAX	75	66	71			67		77	86	80	74	70	62	62										77	80	86		81	67	59	77	85	80	63.4
	MIN	53	42	38			45		34	53	54	34	47	29	33										23	54	60		65	40	45	35	44	57	40.6
WILLIAMSTOWN	MAX	60	54	62	61	63	58	54	60	80	76	63	60	49	57	55		52	65	60	43	41	61		80	81	79		78	73	45	71	82	79	63.4
	MIN	50	41	35	35	34	42	37	36	51	48	35	42	31	26	41		35	34	38	26	29	31		42	60	50		63	41	40	41	46	57	40.6
WOLF CREEK DAM	MAX	76	67	51	70	60	66	57	60	75	83	66	71	62	46	62		63	63	72	63	48	48		64	78	79		84	72	56	58	80	81	66.1
	MIN	51	47	41	41	34	36	48	42	43	56	40	40	40	31	32		41	31	33	32	32	29		30	40	50		59	52	44	40	42	52	41.6

## EVAPORATION AND WIND

Table 6

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BURGIN DIX DAM	EVAP	-	.11	.01	.14	.12	.13	-	.09	.07	.22	.19	.17	.04	.10	.11	.14	.11	.25	.20	.02	.07	.19	.14	.08	.20	.11	.14	.04	.08	.15	B3.54
	WIND	-	57	22	27	36	29	25	16	46	43	51	19	34	33	19	108	59	33	28	77	60	38	53	15	49	36	67	28	13	35	B1196
WOLF CREEK DAM	EVAP	.16	.16	.04	.17	.04	.07	.15	.04	.15	.21	.31	.08	.07	.00	.22	.13	.17	.20	.07	.12	.08	.19	.27	.07	.25	.14	.17	.03	.25	.27	4.30
	WIND	29	93	14	42	29	19	27	23	53	55	48	41	74	77	3	109	52	50	72	88	44	30	84	11	69	63	48	43	30	92	1520

See reference notes following Station Index.

# SNOWFALL AND SNOW ON GROUND

KENTUCKY  
APRIL 1953

Table 7

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ASHLAND DAM 29	SNOWFALL SN ON GND																				.3	.1											
BENHAM	SNOWFALL SN ON GND									T				1.0	.5	T	T			2.0	.5 T	.5 T											
BOWLING GREEN WB AP	SNOWFALL SN ON GND									T											T							T					
CORBIN CAA AP	SNOWFALL SN ON GND													T							T												
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV									T				T			T		3.3	T 2	T												
DANVILLE	SNOWFALL SN ON GND													T			T				T	T											
FARMERS	SNOWFALL SN ON GND																				T	T											
FORDS FERRY DAM 50	SNOWFALL SN ON GND																				T												
HEIDELBERG LOCK 14	SNOWFALL SN ON GND																																
IRVINGTON	SNOWFALL SN ON GND																T			T		T											
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND									T				T		T	T	T	T	T	T	.1											
LOUISVILLE WB AP	SNOWFALL SN ON GND															T	T		.4	T	T												
MAMMOTH CAVE PARK	SNOWFALL SN ON GND															T					T												
MATSVILLE DAM 33	SNOWFALL SN ON GND																			T	T T												
MIDDLESBORO	SNOWFALL SN ON GND																					T											
OWENSBORO 2 W	SNOWFALL SN ON GND															T				T													
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND																			T													
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND																				T												
WILLIAMSTOWN	SNOWFALL SN ON GND																			1.5 2	T												
WOLF CREEK DAM	SNOWFALL SN ON GND																				T												

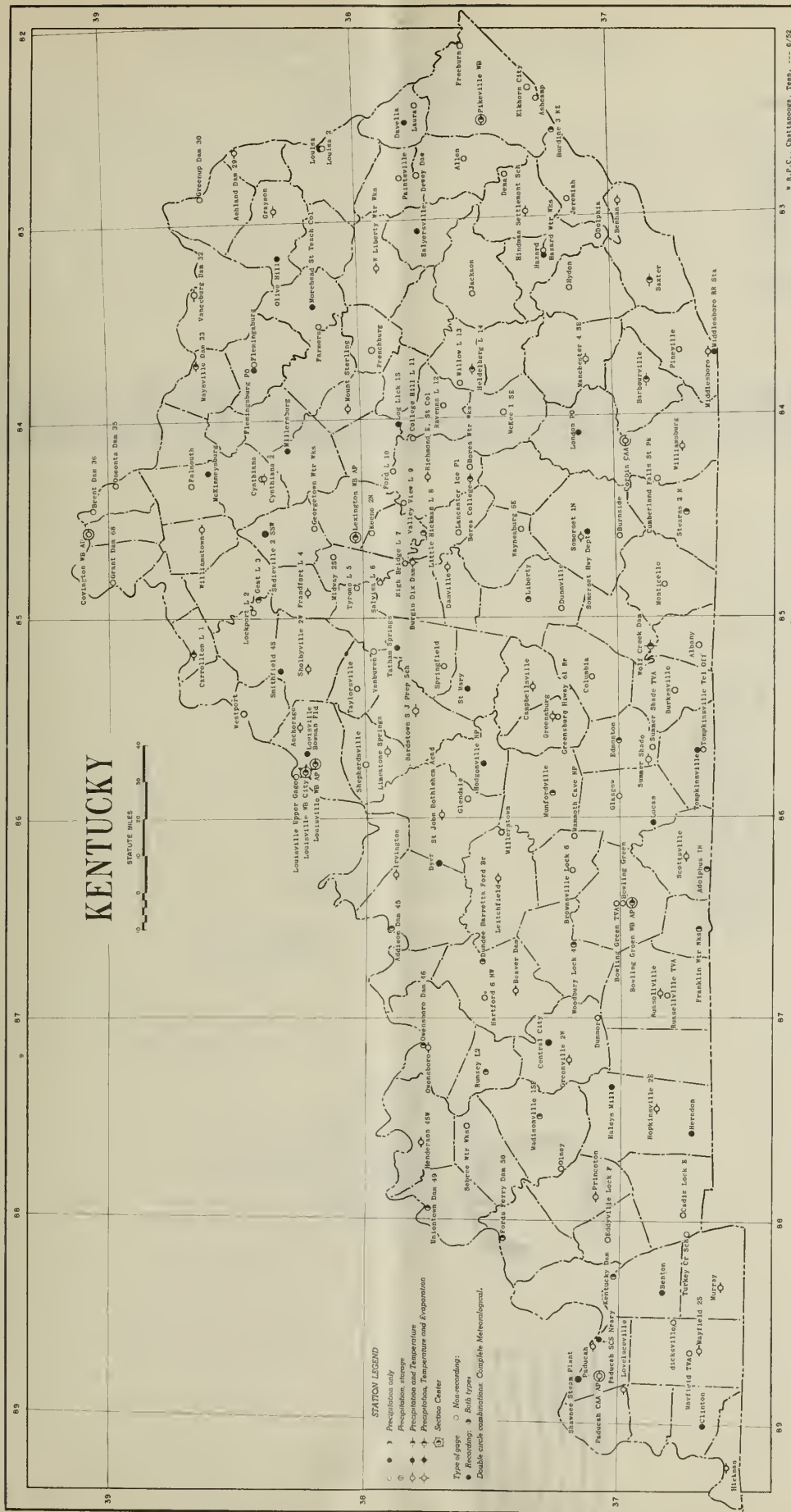


## STATION INDEX

KENTUCKY  
APRIL 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADOLPHUS 45	0051	BRECKINRIDGE	1	37 37 55	86 54	390	6A	CORPS OF ENGINEERS	3	LITTLE HICKMAN LOCK 8	4823	JESSAMINE	4	47 43	84 55	560	7A	CORPS OF ENGINEERS	3
ADOLPHUS 1 N	0043	ALLEN	1	36 59	86 16	600	7A	IDELL M. DEARING	3	LOGGERS LOCK 2	4857	HENRY	4	48 26	84 58	495	6A	CORPS OF ENGINEERS	3
ALBANY	0033	CLINTON	1	36 41	85 08	950	7A	MRS. BARBARA M. COOL	3	LOGGERS LOCK 3	4892	CLARK	4	47 51	84 02	571	MID	MRS. H. BURGER	3
ALLEN	0095	FLOYD	4	37 35	82 49	650	7A	MAURICE A. LUTHER	3	LOUISA	4893	MAURICE A. LUTHER	4	47 06	84 08	403	MID	U. S. FOREST SERVICE	3
ANCHORAGE	0155	JEFFERSON	3	37 16	85 33	700	7P	C. E. BARRETT	2 3 5	LOUISA	4954	LAWRENCE	4	48 07	82 57	584	6A	JULIUS M. RANKIN	3
ASHCAMP	0246	PIKE	1	37 16	82 26	1100	6A	MARY S. RATLIFF	5	LOUISA	4946	LAWRENCE	4	48 07	82 57	600	7A	FRED PERRY	3
ASHLAND DAM 29	0340	BOYD	2	37 27	82 36	534	6P	CORPS OF ENGINEERS	2 3 5 7	LOUISVILLE BOWMAN FLO	4951	JEFFERSON	4	38 15	85 40	358	MID	CORPS OF ENGINEERS	3
BARBOURVILLE	0381	KNOX	2	36 52	85 59	1000	6P	UNION COLLEGE	2 3 5	LOUISVILLE WB AP	4954	JEFFERSON	4	38 15	85 40	485	MID	U. S. WEATHER BUREAU	2 3 5 7
BARSTOWN S. J. PREP SCH	0320	NELSON	8	37 48	85 28	637	6P	ST. JOSEPH PREP SCH	2 3 5	LOUISVILLE UPPER GAGE	4955	JEFFERSON	4	37 11	86 06	800	MID	U. S. WEATHER BUREAU	2 3 5
BARTER	0400	MARLAN	4	37 25	85 20	1164	7A	C. HONER NOLAN	2 3 5	LOVELACEVILLE	4967	BALLARD	4	38 58	86 30	370	6P	BLAINE MALONE	2 3 5
BEAVER DAM	0490	OHIO	5	37 25	86 52	441	6P	E. G. YOUNG	2 3 5 7	LUCAS	3002	BARRON	4	38 58	86 02	2	MID	WILLARD E. FOSTER	2 3 5
BENHAM	0595	HARLAN	2	36 50	82 57	1580	8A	C. C. WHITEAKER	2 3 5 7	MIDWINTER 1 SE	3087	HOPKINS	4	38 58	86 02	2	MID	HONER WELBORN, JR.	2 3 5
BENTON	0617	MARSHALL	1	36 51	88 20	720	6P	JAMES A. GROSSMAN	2 3 5	MANMOUTH CAVE PARK	3111	CLAY	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BEREA COLLEGE	0624	MAISON	4	37 34	84 10	1070	6P	MRS. L. L. G. GARRAFO	2 3 5	MAYFIELD SUBSTATION	3250	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BEREA WATER WORKS	0624	MAISON	4	37 34	84 10	1070	6P	MRS. L. L. G. GARRAFO	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BOWLING GREEN	0904	WARREN	5	37 00	86 26	536	7A	JAMES R. EDWARDS	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BOWLING GREEN SUBSTA	0907	WARREN	5	37 00	86 26	536	7A	JAMES R. EDWARDS	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BRENT OAM 36	0978	CAMPBELL	7	37 59	85 25	489	MID	M. U. S. WEATHER BUREAU	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 52	86 16	410	7A	CORPS OF ENGINEERS	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BURDINE 2	1120	PIKE	1	37 13	82 55	1658	8A	EDWIN E. JOHNSON	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BURGIN DIX DAM	1127	MERCER	4	37 13	82 55	1658	8A	EDWIN E. JOHNSON	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BURNSVILLE	1137	CUMBERLAND	2	36 47	85 22	600	4P	M. U. S. WEATHER BUREAU	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
BURNSIDE	1136	PULASKI	2	36 59	84 37	705	7A	THOMAS A. LEWIS	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CAOZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A	CORPS OF ENGINEERS	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CAMPBELLVILLE	1256	MAISON	4	37 37	85 21	777	6P	ALVA M. KINNEY	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CARRINGTON LOCK 1	1245	MARSHALL	1	37 06	88 19	720	6P	MRS. MAZEL B. PICKETT	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CENTRAL CITY	1349	TAULNER	6	37 17	87 07	400	7A	M. JAMES F. PRICE	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CLERMONT 1 SSE	1611	BULLITT	1	37 59	85 40	474	3P	BERNHARD FOUNDATION	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CLINTON	1637	HICKMAN	6	36 56	89 00	370	MID	WOODSON D. FRANKLIN	3	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
COLLEGE HILL LOCK 11	1704	MAISON	4	37 37	85 21	777	6P	ALVA M. KINNEY	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
COLUMBIA	1722	JOHN	2	37 06	88 19	720	6P	MRS. MAZEL B. PICKETT	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CORBIN CAA AIRPORT	1801	WHITLEY	2	36 58	84 08	1179	MID	M. U. S. WEATHER BUREAU	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
COVINGTON WB AIRPORT	1885	BOONE	7	37 59	84 40	869	MID	M. U. S. WEATHER BUREAU	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CUMBERLAND FALLS ST PK	1968	WHITLEY	2	36 58	84 19	930	MID	M. U. S. WEATHER BUREAU	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CYNTHIANA	1998	HARRISON	5	36 25	84 18	684	5P	CHARLES C. HILL	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
CYNTHIANA 2	2001	HARRISON	5	36 25	84 18	684	5P	CHARLES C. HILL	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A	R. P. COLDIRON	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GAVELLA	2053	MARTIN	1	37 48	82 52	522	MID	BERNARD DE LONG	3	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DECEMBER 1 E	2152	PERRY	3	37 02	85 07	1780	5P	RALPH R. BEAL	3	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DEMA	2259	KNOTT	3	37 13	82 48	870	5P	HATTIE B. BARNEY	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DEWEY OAM	2180	FLOYD	4	37 45	82 47	670	7A	CORPS OF ENGINEERS	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DUNDEE BARRETS FORD BR	2358	OHIO	5	37 00	86 45	450	7A	J. L. HUFF	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DUNMORE	2358	OHIO	5	37 00	86 45	450	7A	J. L. HUFF	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GUNNVILLE	2374	CASEY	3	37 13	84 58	518	7A	LINNIE O. TARTER	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
DYER	2391	BRECKINRIDGE	1	37 45	86 13	3	MID	LENNIE BLAIR	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
EDDYVILLE LOCK F	2442	LYON	2	37 00	86 05	420	7A	CORPS OF ENGINEERS	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
EDMONTON	2469	METCALFE	1	37 00	85 37	7	7A	JOHN E. MORAN	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
ELKHORN CITY	2526	PIKE	1	37 13	82 48	870	5P	HATTIE B. BARNEY	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FALMOUTH	2775	PENDELTON	3	36 58	84 20	560	7A	FRANK H. LAWSON	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FARMERS	2791	ROMAN	5	36 58	85 05	535	6P	MRS. C. C. STAMPER	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FLEMINGSBURG	2903	FLEMING	5	36 58	85 05	470	7A	BYRON F. FLEMING	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FLEMINGSBURG P. O.	2903	FLEMING	5	36 58	85 05	470	7A	BYRON F. FLEMING	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FORD LOCK 10	2953	KNOTT	3	37 13	82 48	870	5P	HATTIE B. BARNEY	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FORDS FERRY OAM 50	2961	CRITTENDEN	7	37 37	86 06	356	6P	CORPS OF ENGINEERS	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FRANKFORT LOCK 4	5026	FRANKLIN	4	38 13	84 52	304	6A	CORPS OF ENGINEERS	2 3 5 7	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FRANKLIN WATER WORKS	5036	SIMPSON	1	36 43	86 54	691	7A	HERMAN D. NEAL	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FREELAND	5046	PIKE	1	37 34	82 08	727	7A	JOHN E. MORAN	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
FRENCHBURG	3092	MONTICELLO	3	37 57	83 39	830	7A	FRENCHBURG SCHOOL	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	860	8A	JOE W. ATKINS	3	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GEST LOCK 3	3243	HENRY	4	38 25	84 55	490	7A	CORPS OF ENGINEERS	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GLASGOW	3241	BARRON	4	37 00	85 55	780	7A	EMILY M. BEAN	5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GLENDEN	3252	HARDIN	5	37 57	85 10	700	6A	CORPS OF ENGINEERS	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GRANT DAM 38	3585	BOONE	7	37 59	84 49	506	6A	CORPS OF ENGINEERS	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GRAYSON	3391	CARTER	7	37 38	82 57	589	7A	SHIRLEY I. STATEN	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GREENSBURG	5430	GREEN	3	37 15	85 50	338	7A	MRS. MELL M. LINGLE	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GREENSBURG HWAY 61 BR	5435	GREEN	3	37 15	85 50	338	7A	MRS. MELL M. LINGLE	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GREENUP OAM 30	3443	GREENUP	3	37 57	82 51	540	5P	CORPS OF ENGINEERS	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5
GREENVILLE 2 W	3443	MULLENBURG	6	37 57	82 51	540	5P	CORPS OF ENGINEERS	2 3 5	MAYFIELD 2	3252	GRAVES	4	45 07	86 05	830	6P	NORA S. WHITE	2 3 5





Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

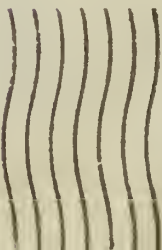
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# CLIMATOLOGICAL DATA

KENTUCKY

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MAY 1953  
Volume XLVIII No. 5



O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Following an unusually cold April, unseasonably warm weather largely prevailed during May. The average temperature for the month was the eighth highest on record for May and the highest since 1944. All stations with the exception of one reported their maximum temperature for the month as 90° or higher. The minimum temperature of 39° for the State as a whole was the third highest. Rainfall was unusually frequent and often heavy and was above normal in practically every section of the State. Thunderstorms accompanied by high winds and hail were numerous and were responsible for damage to property and crops estimated to be over half a million dollars. During the middle of the month, heavy rainfall resulted in flash floods over the Green River valley and along the Kentucky-Virginia state line. Field work by farmers was delayed during the first three weeks of the month by the above-normal rainfall. On the other hand, the weather conditions were favorable for all growing crops, which made rapid growth.

Each division in the State showed a plus departure from the normal in temperature, and for the individual stations these departures ranged from 1° to 6° with the exception of one location. The month opened warm and continued that way until the 6th when temperatures dropped to below normal readings which continued through the 9th as a result of cool air overspreading the State. Warm weather followed from the 10th through the 13th and this was followed by another cool spell lasting 3 days. On the 17th, unseasonably warm weather set in which lasted with few exceptions to the end of the month. On the 25th and 26th, temperatures in the 90's were reported from most stations for the first time since early September 1952. Mid-summer warmth was again reported during the last 3 days of the month with temperatures again reaching the 90's. The mean temperature for the State was 68.7° which is 3.3° above normal. The monthly mean temperatures ranged from 71.6° at Pikeville to 65.5° at Maysville Dam 33. Maximum temperatures throughout the State ranged from 89° to 98° with the highest temperature reported being 98° at Princeton on the 26th. Minimum temperatures ranged from 39° to 52° with the lowest being 39° at Inez on the 6th.

Precipitation averaged almost 1 1/2 inches above normal with measurable rain reported on 19 days during the month. All of the rain occurred prior to the last week. The amounts were well distributed with all sections except the extreme northern receiving normal or above totals. The heaviest

falls were in the extreme southeast with amounts in excess of 8 inches. The extreme northern counties reported falls of less than 3 inches. Rainfall was general over the State on the 4th with several stations recording in excess of an inch. From the 14th through the 20th, rainfall was general and a daily occurrence with amounts often heavy. Practically every location had totals for this period near 200% of the normal and in the western section, the percentage was much higher. From the 21st through 25th only local showers were reported with the State average during these days generally amounting to only a Trace. The period from the 26th to the end of the month was completely dry. The average precipitation for the State was 5.42 inches which is 1.42 inches above normal. The total amounts recorded at the various locations ranged from 8.74 inches at Baxter to 2.33 inches at Grant Dam 38. The heaviest rainfall in any one day was 3.86 inches at Hopkinsville reported on the 17th.

During the period May 15-19th, rainfall was general over the Green River Valley and averaged nearly 4 inches. This rainfall resulted in a rise over the middle and lower reach where crests ranged from 3 to 7 1/2 feet above flood stage. Losses due to the floods were rather small. Several flash floods occurred on May 19th and 20th as a result of daily rains between the 14th and 20th along the Kentucky-Virginia state line. Damage as a result of these floods was estimated to be under \$10,000 in Kentucky.

On the 13th, wind and hailstorms caused an estimated damage of \$25,000 to property and crops in Madison and Clark counties. On the 14th, Adair County was hit by a wind and hailstorm resulting in \$40,000 damage to property and crops. Henderson and Union counties received very heavy damage as a result of hailstorms on the 17th with the total exceeding half a million dollars.

As a result of daily rainfall during the first three weeks, farmers were two or more weeks behind the usual schedule at the end of the month. Corn planting was little more than half finished. More progress was made in setting tobacco, but much of it had been set during the last week to 10 days of the month after plants had passed the best stage for transplanting. On the other hand, the warm wet weather was favorable for all growing crops. Small grains, pastures, all hay crops, and corn that had been planted made rapid growth. - W.S.



# SUPPLEMENTAL DATA

KENTUCKY  
MAY 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sky cover sunrise to sunset	
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
LEXINGTON WB AP	SSW	18	10.5	-	-	-	83	83	82	88	3	4	3	3	2	0	15	-	8.1	
LOUISVILLE WB AP	SW	15	8.1	41	S	22	81	84	80	80	8	3	4	3	1	0	17	58	8.1	

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	63.8	94	28	4.03	-	-	1914	66.5	103	32	2.16	0	5	1939	68.3	94	30	1.37	0	7
1890	63.9	93	32	4.22	-	-	1915	65.2	95	35	6.62	0	15	1940	61.8	94	26	3.50	T	11
1891	62.6	90	29	1.78	-	-	1916	67.2	98	33	4.02	0	9	1941	67.7	101	30	1.20	0	5
1892	64.6	90	38	5.49	-	-	1917	58.9	92	30	3.43	0	10	1942	65.4	95	32	3.62	0	11
1893	83.2	98	37	5.59	-	-	1918	69.4	97	28	4.29	0	8	1943	87.3	92	29	5.43	0	13
1894	64.5	99	32	3.54	-	-	1919	63.9	95	35	6.05	0	14	1944	70.8	95	29	3.62	0	9
1895	63.9	99	29	3.16	-	8	1920	64.2	94	32	4.08	0	11	1945	61.6	93	29	4.69	0	13
1896	72.2	106	42	5.34	-	11	1921	65.9	97	32	2.45	0	8	1946	63.6	87	33	5.50	0	16
1897	61.4	92	32	3.27	T	10	1922	67.9	94	35	3.67	0	10	1947	62.3	92	23	5.66	T	12
1898	67.8	93	31	4.52	0.2	10	1923	63.9	91	27	3.98	T	13	1948	64.1	94	35	3.32	0	9
1899	68.8	94	42	4.79	0	11	1924	59.9	92	34	5.04	0	14	1949	66.3	95	36	2.78	T	9
1900	66.3	96	29	3.49	0	10	1925	61.2	98	28	2.61	T	8	1950	66.9	95	32	6.34	T	15
1901	63.7	97	34	2.65	0	10	1926	66.2	101	31	2.36	0	7	1951	65.6	95	32	2.88	T	8
1902	70.0	98	35	3.55	0	9	1927	65.7	93	31	7.44	0	16	1952	65.7	94	32	3.85	T	11
1903	68.0	98	29	3.09	0	8	1928	63.2	94	29	3.55	0	9	1953	88.7	98	39	5.42	T	13
1904	65.0	98	33	3.05	0	10	1929	64.1	98	32	7.35	T	14							
1905	68.0	95	38	5.23	0	11	1930	66.5	94	33	2.96	0	9							
1906	69.5	95	31	2.54	T	9	1931	62.7	97	30	2.59	0	11							
1907	61.3	93	30	5.07	0	12	1932	65.1	92	33	1.39	0	6							
1908	66.7	96	28	4.34	0	12	1933	68.7	95	40	6.43	0	15							
1909	63.9	93	27	4.64	T	12	1934	87.7	99	36	1.67	0	5							
1910	61.1	89	30	4.81	0	12	1935	63.5	91	38	7.40	0	14							
1911	69.4	105	29	2.48	0	5	1936	88.3	96	35	1.50	0	5							
1912	68.7	97	37	4.53	0	10	1937	65.2	99	38	4.01	0	10							
1913	88.1	99	29	2.92	0	8	1938	85.7	93	32	5.73	0	14							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
MAY 1953

TABLE 2

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										60° or Above	32° or Below	32° or Below	0° or Below										
WESTERN DIVISION																							
BEAVER OAM	81.0	58.1	69.6	3.4	93	29	44	8	36	6	0	0	0	6.31	2.20	1.62	17	.0	0		11	6	1
FORDS FERRY DAM 5D	79.9	58.5	69.2		95	26	46	2	48	7	0	0	0	4.04	.65	.82	17	.0	0		14	3	0
GOLDEN PDNO 8 N	80.9	57.4	69.2		93	26+	43	8	51	8	0	0	0	6.67		2.30	17	.0	0		14	5	2
GREENVILLE 2 W	78.7M	56.5M	67.6M	2.5	92	26	44	8+	51	4	0	0	0	7.03	3.19	1.38	4+	.0	0		13	7	2
HENDERSON 4 SW	78.8	58.2	68.5	1.2	95	26	45	3	51	6	0	0	0	5.04	1.09	.82	14	T	0		13	5	0
HICKMAN 1 E	77.9	58.4	68.2		95	27+	47	14+		5	0	0	0	4.80		.80	11	.0	0		13	5	0
HOPKINSVILLE	79.0	58.6	68.8	1.8	95	27	46	8		5	0	0	0	7.94	3.87	3.86	17	.0	0		14	4	2
LOVELACEVILLE	79.8	58.1	69.0	1.8	96	26	45	6+	57	6	0	0	0	4.11	.36	.80	14	.0	0		11	0	0
MADISONVILLE 1 SE	80.5	58.7	69.6		93	26	46	6	40	7	0	0	0	6.20		1.48	17	.0	0		13	5	2
MAYFIELD 2 S	78.8	58.0	68.4	1.3	94	26	45	14	56	5	0	0	0	6.69	2.57	2.03	18	.0	0		13	6	2
MURRAY	80.4	58.4	69.4	2.1	95	26+	46	6+	46	6	0	0	0	7.47	3.31	2.90	17	.0	0		12	5	3
OWENSBORO 2 W	79.5	58.0	68.8	3.2	95	26	47	9	42	6	0	0	0	4.35	.47	.96	5	T	0		13	3	0
PAOUCAH CAA AIRPRT	77.2	59.0	68.1		96	26	47	8+	62	6	0	0	0	3.14		.64	4	.0	0		12	2	0
PAOUCAH	77.9	57.5	67.7	-.3	95	27	46	15	5	0	0	0	0	4.76	.86	1.15	19	.0	0		11	9	2
PRINCETON	80.1M	55.4M	67.8M	1.0	98	26	42	6	65	6	0	0	0	5.82	1.68	1.78	17	.0	0		11	5	1
RUSSELLVILLE	81.0	58.5	69.8	4.0	95	29	44	9	39	7	0	0	0	7.46	3.51	2.28	17	.0	0		15	6	2
DIVISION														5.74	T								
CENTRAL DIVISION																							
ANCHORAGE	77.1	56.6	66.9	3.0	90	25+	45	3+	54	4	0	0	0	4.73	.99	.93	16	.0	0		15	3	0
BARSTOWN S J PREP SCH	81.2	56.5	68.9		93	31	42	9	37	7	0	0	0	7.21		1.52	16	T	0		16	7	2
BOWLING GREEN CAA AP	79.9	58.6	69.3	4.9	93	26+	46	9	26	6	0	0	0	6.22	2.32	1.45	17	.0	0		14	5	2
BURGIN DIX DAM	80.9	58.3	69.6	3.9	93	30	46	3+	19	6	0	0	0	7.15	3.41	2.35	5	.0	0		12	6	2
CAMPBELLSVILLE	80.3	56.0	68.2		92	26	42	9	30	4	0	0	0	7.53		1.50	5	T	0		15	6	2
CARROLLTON LOCK 1	79.1	56.2	67.7		93	31	45	3+	41	4	0	0	0	3.11	-.77	1.11	17	.0	0		10	2	1
CLERMONT 1 SSE	81.9	55.8	68.9		94	26	42	3+	37	7	0	0	0	5.69		1.56	17	.0	0		15	4	2
COVINGTON W B AIRPORT	75.7	56.5	66.1	3.6	91	26	45	9+	58	3	0	0	0	2.59	-.86	.74	16	T	0		12	2	0
DANVILLE	77.9	58.2	68.1	3.7	92	27	48	7+		4	0	0	0	6.61	2.44	1.42	5	.0	0		12	5	2
FRANKFORT LOCK 4	78.4	54.6	66.5	1.4	94	27	44	3+		4	0	0	0	3.94	.19	1.41	17	.0	0		11	3	1
GLASGOW WKAY	79.8	58.6	69.2		90	29+	46	9	27	3	0	0	0	5.89		1.15	16	.0	0		13	5	2
GREENSBURG	79.2M	57.3M	68.3M	3.3	92	27+	47	3+		5	0	0	0	8.23	4.00	2.02	5	.0	0		12	6	2
IRVINGTON	78.6	58.6	68.6	2.8	95	26	46	9	36	5	0	0	0	4.54	.80	1.02	16	.0	0		11	3	1
LEITCHFIELD	78.0	59.0	68.5	3.1	91	26+	48	8+	33	5	0	0	0	7.05	2.93	2.08	17	.0	0		16	5	1
LEXINGTON WB AIRPORT	77.5	58.3	67.9	5.3	92	30+	46	9	41	4	0	0	0	5.47	1.91	1.23	16	.0	0		12	5	2
LOUISVILLE WB AP	78.8	59.2	69.0	3.7	94	26	48	3+	34	6	0	0	0	4.32	.39	1.12	17	.0	0		11	4	1
LOUISVILLE WB CITY	77.7	61.3	69.5	3.6	93	26+	52	3+	31	5	0	0	0	4.17	.35	1.55	17	.0	0		11	3	1
MAMMOTH CAVE PARK	80.6	57.8	69.2	4.6	91	26+	43	3+	24	5	0	0	0	5.63	2.10	1.13	16	.0	0		11	5	1
ST JOHN BETHLEHEM ACAD	79.1	55.5	67.3	2.9	92	27	44	3		3	0	0	0	6.56	2.47	2.07	17	.0	0		12	6	1
SCOTTSVILLE	81.6	60.0	70.8		93	31	45	9	23	6	0	0	0	5.42		1.07	17	.0	0		13	6	1
SHELBYVILLE 2 W	78.5	57.7	68.1	3.7	92	31	45	9	37	4	0	0	0	4.49	.50	1.30	17	.0	0		12	3	1
SOMERSET 1 N	79.9	58.4	69.2		91	30	47	9+	21	3	0	0	0	3.75		.75	17	.0	0		15	2	0
SUMMER SHADE	81.1	58.7	69.9		93	29	44	9	22	6	0	0	0	5.40		.88	17	.0	0		10	7	0
WILLIAMSTOWN	78.7	56.8	67.8	3.5	90	26+	47	3	39	2	0	0	0	4.31	.59	1.97	17	.0	0		11	2	1
WOLF CREEK OAM	82.0	59.2	70.6		96	31	48	8+		5	0	0	0	5.01		1.30	19	.0	0		11	5	1
DIVISION														5.40	T								
EASTERN DIVISION																							
ASHLAND OAM 29	81.8	57.9	69.9	4.9	94	30+	43	28	17	5	0	0	0	3.83	-.17	.66	5	.0	0		16	2	0
BARBOURVILLE	82.7M	56.3M	69.5M		93	31	44	29	18	6	0	0	0	5.20		1.90	6	.0	0		11	3	1
BAXTER	79.6	56.1	67.9		90	26	46	29		1	0	0	0	8.74		2.10	19	T	0		14	5	3
BENHAM	81.5	55.9	68.7		93	26	41	29		4	0	0	0	8.66		2.56	19	T	0		15	8	3
BEREA COLLEGE	79.5	59.1	69.3	4.1	92	31	46	7+	25	3	0	0	0	4.41	.42	.90	5	T	0		14	3	0
CORBIN CAA AIRPORT	79.9	56.8	68.4		89	25+	45	9	34	0	0	0	0	5.43		1.46	19	.0	0		14	4	2
CYNTHIANA 1 NNE					93	31				4	0	0	0										
FARMERS	81.8M	56.0M	68.9M	5.2	91	25+	42	28	23	4	0	0	0	5.89	1.78	.91	15	.0	0		14	5	0
GRAYSON														3.54		.99	5	.0	0		13	3	0
HEIDELBERG LOCK 14	82.6	56.9	69.8	5.3	93	31	44	29	20	7	0	0	0	5.52	1.46	.76	19	T	0		16	4	0
HINDMAN SETTLEMENT SCH	81.7	55.3	68.5		94	23	41	29		5	0	0	0	4.51		1.33	19	.0	0		14	4	2
INEZ	82.9	52.3	67.6		93	25+	39	6	52	6	0	0	0	4.02		.62	18	.0	0		11	3	0
MANCHESTER 4 SE	82.2	56.3	69.3		94	31	43	29	20	7	0	0	0	5.82		2.19	6	.0	0		11	3	2
MAYSVILLE DAM 33	76.8	54.2	65.5	1.1	91	31	42	28		2	0	0	0	4.07	.29	1.38	5	.0	0		13	2	1
MIDDLESBORO	82.6	57.3	70.0	5.7	94	31	45	29	15	6	0	0	0	5.21	1.16	1.67	19	.0	0		14	3	1
MOUNT STERLING	80.6	57.7	69.2	4.9	93	31	46	28	22	4	0	0	0	4.61	.48	1.28	14	.0	0		11	3	2
PIKEVILLE	83.2	59.9	71.6	4.5	95	25+	47	28	12	7	0	0	0	3.89	.11	.77	19	.0	0		13	4	0
RICHMOND E STATE COL	76.6	58.1	67.4	1.7	94	31	45	7		1	0	0	0	5.00	1.31	.75	14	.0	0		12	6	0
VANCEBURG OAM 32	81.2	55.6	68.4		92	30+	45	3+	22	4	0	0	0	4.55	.88	1.83	5	.0	0		12	3	1
WEST LIBERTY WATER WKS	81.4	54.7	68.1		92	26	41	28		5	0	0	0	6.65		1.64	5	.0	0		14	5	2
WILLIAMSBURG																							
DIVISION														5.24	T								
STATE														5.42	1.42	T							

KENTUCKY  
MAY 1955

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON DAM 45	4.79	.09									T	.02		.03	.25	1.02	.26	.73	.62	.28	T													
ADOLPHUS I N	4.65	.05	.02		.05	.07		.04	.67				.10		.16	.52	.41	.65	.60	1.12	.13													
ALBANY	4.59				.45	.05		.12	.37						.21	.67	.25	.76	.05															
ALLEN	4.57	.20	.03		.10	1.50		.38	.12	.41					.15	.35	.14	.25	.04	.72	.26					.23	.10							
ANCHORAGE	4.73	.24		.09	.55	.42		.17					.38	.01	.31	.24	.02	.93	.84	.36	.02													
ASHCAMP	4.61					1.00		.90								.05	.90			2.40	.98													
ASHLAND OAM 29	3.83	.08			.20	.62	.29	.50	.12	.14				.02	.04	.44	.08	.38	.39	.30	.03					.03	.33							
BARBOURVILLE	5.20		.05		.20	.37	1.90	.06	.40				T		.37		.10	.70	.90	.15			T											
BARSTOWN S J PREP SCH	7.21	.05			.15	.94		.19	.72			.09	.02	.51	.09	.41	1.52	1.26	.62	.58	.03					.03								
BARTER	8.74	.25	.60		.15	1.55	1.42	.20	.20						.45		.45	.05	.40	2.10	.85					.07								
BEAVER DAM	6.31			.75	.11			.32	.03					.90	.59		.81	1.62	.14	.42					.82									
BENHAM	8.66	.10	.53		.04	1.26	.03	.04	.53						.85		.09	.03	.24	2.56	.63				.03	1.00								
BERRA COLLEGE	4.41	.18	.25		.06	.05		.06					.03	.41	.12		.31	.45	.78	.80														
BERRA WATER WORKS	4.79	.11	.32		.86	.05		.09	.04					.11	.94		.32	.28	.49	.68	.20													
BOWLING GREEN	6.18	.17		T	.05	.69	.03	.09	.15	.12			.07	.02	.08	.68	.92	1.77	.45	.77	.07													
BOWLING GREEN SUBSTA	5.95	.19			T	.75	.01	.30	.19	.05				.08		.07	.55	.74	1.61	.71	.64	.06												
BOWLING GREEN CAA AP	8.22	.18			.74	.01	.23	.12	.21	.05		.08	T	.05	.52	.45	1.24	1.45	.78	.18														
BRENT DAM 36	3.58	.05			.87	.03		.14				T	.05	.18	.18		.14	1.21	.42	.04	.29	T												
BROWNVILLE LOCK 8	5.95	.25			.07	.70		.35	.10			.15	.06	.07	.45		.57	.91	.52	1.05	.72													
BUDOWNE 2 NE	7.24	.10				.81	.71	.60	.22						.44		.10	.15	2.8															



# DAILY PRECIPITATION

KENTUCKY  
MAY 1953

Table 3—Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE	7.46	.02			.05	.77		.14	.32				.01	.01	.09	.01	.97	.84	2.28	.07	1.01	.27											
RUSSELLVILLE SUBSTA	0.99	T			.08	.77		.31	.30				T	.09	.98		.85	2.07	.48	1.00													
ST JOHN BETHLEHEM ACAD	0.50	.22				.84	T	.08					.64	.63	.30	.54	.52	2.07	.24	.21	.25			T	.02	.25							
SALVISA LOCK 0	0.52	.20			1.73	.11	T	.12	.04	.04			.01	T	.04	.53	.39	.41	1.34	1.01	.25	.01											
SALYERSVILLE 2	4.94	.02	.19			.35	.58	.51	.08	.12					.15	.33	.12	.20			1.00				.02	.48	.13						
SCOTTSVILLE	5.42	.13			.56	.30		.13	.00				.00		.03	.02	.04	.07	1.07	.49	.00												
SEBREE WATER WORKS	0.99	.12			.83	.33		.34	2.29				T	.04	.16	.82	T	.75	.00	.17	.08					.35	.05						
SHAWNEE STEAM PLANT	3.20					.55		.10	.20				.12	.23		.02	.05	.42	.53	.10	.28												
SHELBYVILLE 2 W	4.49	.27				.78							.10	.05	.24	.24	.31	1.30	.64	.05	.27												
SHEPHERDSVILLE	4.28	.20				.79		.02	.01				.08	.04	.41	.31	.00	1.11	.27	.05													
SOMERSET 1 N	3.75				.04	.31	.05	.07	.33		.01				.31	.24	.67	.75	.29	.42	.02												
SPRINGFIELD	7.16	T				1.43		T	.30	T				T	.48	.40	.38	1.48	.09	.40	1.48												
STEARNS 2 N	0.72		.14			.50	.99	.55	.40					.24		.80	.04	.09	.35	1.34	.02				T	T							
SUMMER SHADE	5.40				.68	.04		.04	.37				T		T	.00	.05	.83	.88	.54	.71												
SUMMER SHADE SUBSTA	5.02	T				1.30		T	.25	.12						.80	.81	.02	.42	1.23	.07												
TAYLORSVILLE	5.04	.18				.93	T	T							.12	.50	.37	.32	1.05	.40	.10	T											
TOMPKINSVILLE 2	5.34					1.02		.03	.11	.03						.00	.46	.91	.41	1.49	.28												
TURKEY CREEK SCHOOL	7.58	.10	.05		.00	1.04	.02	.03	.11	.03			.03	.18	.13	.04	1.10	.43	2.91	.73	.53												
TYRONE LOCK 5	4.80	.10				1.42	T		.02	.02					.04	.27	.33	.44	1.15	.70	.04	.09			.02	.22							
UNIONTOWN OAM 49	3.99	.13				.01		.13	T				.02	.13	.00	.74	.15	.81	.80	.03					.19	.13							
VALLEY VIEW LOCK 9	4.25	.08	.10			.90	T		.13	.03					T	.57	.05	.10	.97	.27	.25	.42											
VANBUREN	4.17					.58										.50	.49	.45	1.00	.44	.04	.07											
VANCEBURG OAM 32	4.55	.11				1.83	.18	.23	.15	.25					.03	.50	.07	.30	.29														
WAYNESBURG E	5.03	.11	.38			.74		.05							.52	.54	.10	.50	.01	.90	.52												
WEST LIBERTY WATER WKS	6.05	.09				1.04		.57	.10	.47					.07	.42	1.08	.38	.72	.58	.05												
WESTPORT	4.44					.64	T		.37				.28	.32	.33	.33	.43	.83	.64	T					.10	.17							
WILLIAMSBURG	4.31	.07				.79	.02		.30						.18	.25	.12	1.97	.43	.11													
WILLIAMSTOWN	4.85	.31	.30			.04	.27	.47	.24	.27					.25	.51	.16	.20	.32	.05	.10												
WILLOW LOCK 13	5.01					.87		.08	.14	.04						.98	.54	.00	.24	1.30	.15												
WOLF CREEK OAM																																	
WOODBURY LOCK 4	7.72	T			.05	.70		.25					.04	.08	.52	.02	.74	.00	1.38	1.02	2.01	.28											



# DAILY TEMPERATURES

KENTUCKY  
MAY 1955

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AMCHDRAGE	MAX	82	76	81	67	73	69	67	67	78	83	75	78	68	63	65	69	73	72	75	79	85	87	78	87	00	00	75	73	86	90	90	77.1
	MIN	52	50	45	53	61	48	47	49	45	40	59	60	57	53	53	58	63	53	61	52	69	71	60	62	67	79	57	51	51	67	70	56.6
ASHLAND DAM 29	MAX	85	81	80	84	80	78	70	68	80	86	88	85	70	79	70	71	80	79	70	81	88	93	88	83	92	90	82	73	85	94	94	81.8
	MIN	61	62	50	46	62	60	51	50	49	40	52	59	60	54	59	59	60	60	62	57	58	78	61	59	62	69	69	43	47	62	74	57.0
BARBOURVILLE	MAX	85	85	85	81	82	66	69	78	79	87	80	85	84	82	75	70	80	77	70	85	89	89	08	92	90			78	98	92	93	82.7
	MIN	59	64	47	59	69	55	46	46	46	46	47	48	55	56	61	58	62	61	59	53	60	75	67	62	58		51	44	60	69	56.3	
BARDSTOWN S J PREP SCH	MAX	84	84	85	79	73	73	67	69	78	85	85	89	82	72	66	72	77	78	72	81	87	87	86	90	91	92	92	75	00	92	95	81.2
	MIN	52	54	45	55	59	49	46	47	42	49	69	55	59	54	53	54	61	56	52	51	59	70	65	62	71	70	57	52	59	68	75	56.5
BAXTER	MAX	68	84	79	84	84	77	65	64	65	74	85	85	82	82	81	71	78	78	75	60	83	80	86	85	88	00	89	79	79	89	89	79.6
	MIN	52	55	48	55	60	60	51	49	47	40	50	53	55	57	58	60	62	62	61	56	55	59	60	65	68	62	56	49	46	57	64	56.1
BEAVER DAM	MAX	85	82	85	80	77	60	68	71	79	83	74	82	75	59	65	82	81	79	77	83	88	87	81	92	92	92	89	76	93	92	92	81.9
	MIN	55	52	46	60	61	48	51	44	45	51	61	60	54	51	54	59	62	59	60	52	63	70	67	64	69	74	62	55	52	72	69	58.1
BENHAM	MAX	70	84	81	85	85	77	66	65	67	72	85	85	86	87	81	78	84	84	77	71	85	87	89	90	92	95	89	76	77	88	90	81.5
	MIN	59	47	53	62	67	60	47	46	45	46	50	50	54	54	60	58	61	64	60	52	57	68	70	63	66	62	58	48	41	50	56	55.9
BEREA COLLEGE	MAX	85	78	83	72	77	67	68	67	75	85	83	83	78	79	72	72	77	69	68	81	85	88	82	89	00	89	75	76	89	91	92	79.5
	MIN	55	57	48	59	62	52	46	51	46	50	58	59	60	59	57	59	64	60	61	54	62	70	69	65	70	72	57	49	55	75	72	59.1
BOWLING GREEN CAA AP	MAX	82	77	84	67	72	70	68	72	76	85	75	80	74	69	69	80	80	69	73	83	87	88	83	91	01	93	84	80	93	92	92	79.9
	MIN	55	54	49	60	64	49	52	48	46	51	58	57	56	56	56	61	62	62	56	54	63	70	70	66	67	70	58	58	55	74	70	58.6
BURGIM DIX DAM	MAX	84	84	85	82	73	74	65	67	79	86	80	84	83	72	72	72	78	68	68	82	86	80	81	91	91	92	87	77	91	93	92	89.0
	MIN	56	58	46	56	62	56	46	51	47	48	57	56	60	58	57	60	65	60	61	54	60	71	68	60	68	71	58	51	50	67	68	58.5
CAMPBELLSVILLE	MAX	83	80	85	76	73	71	68	70	80	85	79	82	75	75	69	77	79	75	70	80	85	87	81	89	89	92	84	78	90	90	91	80.3
	MIN	54	53	46	56	58	49	45	46	42	47	59	55	58	55	53	58	61	56	57	50	58	66	68	63	65	68	56	50	49	69	67	56.0
CARROLLTON LOCK 1	MAX	80	81	82	78	73	72	69	70	80	84	81	82	76	56	66	70	74	72	75	70	86	87	81	84	01	92	85	73	88	92	93	79.1
	MIN	57	56	45	51	59	51	45	51	45	48	58	57	56	49	52	58	62	55	69	53	62	73	57	61	64	71	60	50	47	64	64	56.2
CLERMONT 1 SSE	MAX	85	85	85	81	73	73	68	71	80	87	83	83	82	66	65	74	79	78	77	83	88	88	82	91	92	94	92	77	92	93	95	81.9
	MIN	51	52	42	55	53	47	46	44	42	45	60	56	59	55	54	68	73	55	59	51	61	72	65	62	65	70	56	50	48	66	69	55.8
CORSIM CAA AIRPORT	MAX	84	79	84	80	78	64	65	68	74	84	85	83	81	79	71	77	78	74	68	81	84	87	85	88	89	88	77	75	89	89	80	79.9
	MIN	61	52	48	61	62	47	48	47	45	46	50	54	57	57	61	62	60	62	55	52	56	67	70	68	64	63	57	51	47	66	66	56.8
COVINGTON W 8 AIRPORT	MAX	79	75	80	70	71	66	67	65	82	84	74	75	65	54	65	60	71	74	74	79	84	84	74	78	88	91	70	73	88	00	00	75.7
	MIN	56	56	48	53	61	52	50	52	45	53	63	69	50	45	59	58	61	55	58	53	64	64	54	58	67	66	57	59	52	68	72	56.5
CYNTHIANA 1 NNE	MAX																																
	MIN																																
DANVILLE	MAX	71	83	78	84	68	74	65	64	70	78	85	79	81	73	76	72	75	77	67	67	80	85	86	74	88	90	92	77	75	90	91	77.9
	MIN	56	59	49	60	60	55	48	49	48	51	57	59	61	58	56	57	62	60	60	54	57	66	70	64	68	72	60	50	50	55	72	58.2
FARMERS	MAX	85	84	84	83	77	77	78	65	70	85	85		83	75	71	72	80	76	71	80	87	89	88	87	91	90	89	73	88	91	91	81.8
	MIN	56	62	43	51	61	57	59	47	45	46	59		57	57	57	59	61	59	61	53	54	69	63	62	62	67	55	42	45	60	70	56.0
FORDS FERRY DAM 50	MAX	87	80	82	77	88	73	68	69	80	84	75	78	72	53	62	81	81	76	75	83	86	84	82	91	91	95	90	77	92	91	93	79.9
	MIN	52	46	48	59	60	49	48	48	48	54	62	61	49	47	52	60	62	58	60	50	68	73	63	67	66	73	65	60	55	77	72	58.5
FRANKFORT LOCK 4	MAX	72	84	78	86	75	68	66	72	82	85	89	80	71	67		70	72	76	71	73	89	86	87	76	89	91	94	77	74	90	93	78.4
	MIN	57	54	44	52	56	46	46	47	47	46	50	57	57	55	54	54	60	57	57	54	54	63	66	61	64	66	58	51	44	50	65	54.6
GLASGOW WKAY	MAX	84	81	83	71	73	68	66	69	76	83	83	81	75	76	68	78	79	72	77	80	85	86	82	88	89	89	87	76	90	90	90	79.8
	MIN	53	52	48	62	62	48	49	48	46	50	62	57	58	58	58	61	65	62	50	52	59	71	72	65	67	71	60	56	52	72	71	58.6
GOLDEN POND 8 M	MAX	88	84	85	82	66	71	67	70	77	83	78	80	71	54	64	82	80	78	77	82	85	85	84	91	90	93	92	91	92	92	93	80.8
	MIN	51	49	46	58	60	45	49	43	44	48	61	59	53	49	52	61	63	62														

# DAILY TEMPERATURES

KENTUCKY  
MAY 1953

Table 5 - Continued

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MANCHESTER 4 SE	MAX	85	80	85	80	80	66	68	70	82	86	87	85	84	84	74	77	81	73	69	83	85	90	88	91	92	90	79	77	90	92	94	82.2	
	MIN	58	65	45	55	69	56	49	46	49	46	48	53	55	57	61	60	59	62	60	55	52	59	73	67	65	62	54	47	43	59	65	56.3	
MAYFIELD 2 S	MAX	83	80	83	78	65	89	66	72	78	81	77	76	71	54	61	79	78	76	77	80	81	83	81	88	88	94	90	80	92	90	93	78.8	
	MIN	54	50	50	59	55	47	50	46	48	55	60	57	52	45	49	58	61	60	50	57	65	69	66	68	70	70	66	57	58	70	66	58.0	
MAYSVILLE DAM 33	MAX	71	81	77	82	77	75	64	87	67	78	83	81	80	70	69	66	68	75	75	74	78	85	87	75	82	90	89	89	70	84	91	76.8	
	MIN	57	58	43	43	50	63	52	50	46	46	50	53	60	53	53	56	60	57	59	54	55	56	62	58	59	63	61	42	43	48	69	54.2	
MIDDOLESBORO	MAX	83	83	84	84	79	72	67	70	77	85	85	84	83	80	74	81	80	77	71	82	83	86	92	90	93	89	93	89	82	86	93	94	82.6
	MIN	55	61	48	59	61	57	48	48	48	47	47	47	54	56	63	59	67	65	61	53	54	66	75	65	66	62	57	49	45	81	68	57.3	
MOUNT STERLING	MAX	82	78	84	79	78	76	66	89	78	86	82	82	86	76	70	68	77	75	69	76	86	88	86	87	91	91	86	76	89	92	93	80.6	
	MIN	55	60	48	56	61	56	49	49	47	52	55	57	56	56	55	60	64	59	60	62	53	69	68	61	68	71	48	46	50	67	71	57.7	
MURRAY	MAX	86	89	86	72	65	73	69	73	78	84	77	82	72	54	64	83	81	72	78	83	85	87	83	92	92	95	82	82	95	92	95	80.4	
	MIN	53	50	50	60	53	46	50	46	46	51	61	59	53	49	51	60	63	62	72	55	65	68	70	67	69	70	66	59	56	73	69	58.4	
OWENSBORO 2 W	MAX	83	77	84	75	73	68	70	71	79	83	78	78	71	57	63	79	78	75	78	80	86	85	80	90	90	85	83	80	91	92	93	79.5	
	MIN	54	51	48	58	62	49	50	48	47	53	62	61	49	50	53	59	59	56	60	54	64	70	62	65	70	72	62	57	54	71	69	58.0	
PADUCAH CAA AIRPORT	MAX	88	75	82	67	64	89	85	70	78	80	71	75	65	52	61	80	79	89	77	80	82	85	74	90	90	96	80	80	92	91	95	77.2	
	MIN	56	53	52	61	54	48	51	47	48	56	63	61	47	47	51	60	62	60	58	57	69	72	64	67	74	73	64	56	57	73	69	59.0	
PADUCAH	MAX	77	86	76	82	66	68	71	66	72	78	83	71	78	81	53	63	81	80	70	78	83	84	85	74	92	91	95	82	81	94	94	77.9	
	MIN	55	49	50	52	61	47	49	48	47	50	54	61	60	47	46	52	61	61	59	56	57	69	65	85	68	74	68	59	59	63	71	57.5	
PIKEVILLE	MAX	88	84	86	87	80	67	71	67	77	88	92	87	84	83	74	73	82	78	72	83	89	94	85	89	95	92	78	78	90	95	91	83.2	
	MIN	56	59	51	58	63	58	54	53	50	53	55	58	61	64	65	65	62	64	63	61	60	64	71	67	70	72	63	47	51	58	61	59.9	
PRINCETON	MAX	86	78	86	74	71	72	66	71	74	83	78	78	67	54	63	79	80	72	79	85	86	84	86	92	92	98	85	96	92	95	95	80.1	
	MIN	46	46	44	57	52	46	46	44	45	51	57	58	50	48	51	56	62	60	59	51	59	70	64	66	64	70	60	51	70	84	55.4		
RICHMOND E STATE COL	MAX	71	85	76	82	70	74	85	63	65	78	84	80	81	74	72	69	73	76	65	65	78	84	86	73	85	88	87	71	75	86	94	76.6	
	MIN	56	61	48	56	61	57	45	50	46	50	56	59	59	57	57	58	63	60	61	53	51	60	77	65	69	71	60	49	50	67	79	58.1	
RUSSELLVILLE	MAX	85	80	86	69	73	70	65	69	77	83	73	82	76	80	68	82	82	76	74	82	89	91	84	93	93	94	87	86	95	94	94	81.0	
	MIN	52	52	48	62	62	46	50	45	44	48	62	59	60	51	54	61	61	60	62	53	64	63	71	66	70	70	64	57	55	71	69	58.5	
ST JOHN BETHLEHEM ACAD	MAX	75	82	78	84	76	71	66	68	73	82	86	82	87	80	74	65	71	78	69	78	81	85	85	72	88	89	92	78	76	91	91	79.1	
	MIN	50	50	44	56	59	46	47	48	50	49	54	59	60	52	51	52	60	58	55	51	56	62	65	61	64	64	59	52	51	63	70	55.5	
SCOTTSVILLE	MAX	85	80	85	78	74	70	68	69	78	84	79	83	78	75	69	80	84	78	74	82	87	88	87	91	92	91	79	92	92	93	93	81.6	
	MIN	55	55	50	61	62	48	52	46	45	50	61	60	60	57	57	62	64	64	61	54	62	69	73	68	70	73	62	58	57	72	72	60.0	
SHELBYVILLE 2 W	MAX	80	77	83	73	70	69	88	69	79	84	77	80	77	63	65	68	75	73	75	80	85	86	80	88	90	90	84	77	89	90	92	78.5	
	MIN	53	53	47	56	60	50	46	49	45	52	61	56	60	53	52	60	63	61	61	54	61	69	60	62	67	71	59	56	52	79	79	57.7	
SOMERSET I N	MAX	83	78	83	77	75	71	89	67	79	84	81	82	80	80	70	76	77	78	61	81	85	87	83	87	89	90	80	75	89	91	90	79.9	
	MIN	59	61	48	61	60	55	50	48	47	47	54	56	57	59	60	61	63	62	59	55	59	65	72	65	64	69	60	50	50	66	69	58.4	
SUMMER SHADE	MAX	80	81	88	71	75	69	69	72	80	84	80	84	77	78	89	78	80	74	71	83	86	88	88	90	91	92	80	80	93	92	92	81.1	
	MIN	52	54	49	61	61	49	49	46	44	48	50	58	58	60	58	62	64	63	60	53	60	66	68	67	68	71	63	58	54	71	68	58.7	
VANCEBURG DAM 32	MAX	83	81	84	80	76	74	71	68	83	82	83	89	79	73	69	89	77	75	77	83	90	89	85	85	91	89	86	75	87	92	92	81.2	
	MIN	61	64	45	45	62	58	52	50	49	49	50	59	63	53	56	56	59	58	56	57	56	58	55	55	55	72	57	45	48	60	82	55.6	
WEST LIBERTY WATER WKS	MAX	72	80	80	88	79	79	63	86	66	79	87	88	87	88	80	74	75	79	72	72	89	86	90	88	87	92	90	89	81	87	91	81.4	
	MIN	55	45	42	50	56	55	47	49	47	46	47	49	55	57	59	58	57	58	59	53	53	63	70	70	65	66	66	41	47	53	59	54.7	
WILLIAMSBURG	MAX																																	
	MIN																																	
WILLIAMSTOWN	MAX	80	79	85	75	74	71	69	68	80	84	80	80	76	60	67	69	71	72	78	83	85	87	84	89	89	90	75	74	87	90	89	78.7	
	MIN	55	56	47	57	60	53	48	50	48	56	61	60	61	49	51	58	62	54	60	60	62	64	58	56	61	70	55	48	50	62	69	56.8	
WOLF CREEK DAM	MAX	76	88	81	88	78	78	68	70	72	78	88	82	85	81	81	72	78	82	75	70	84	87	89	86	92	93	92	80	79	93	96	82.0	
	MIN	62	64	51	52	53	58	50	48	48	49	52	59	60	58	63	62	64	66	63	59	60	64	72	68	68	65	61	59	54	58	64	59.2	

## EVAPORATION AND WIND

Table 6

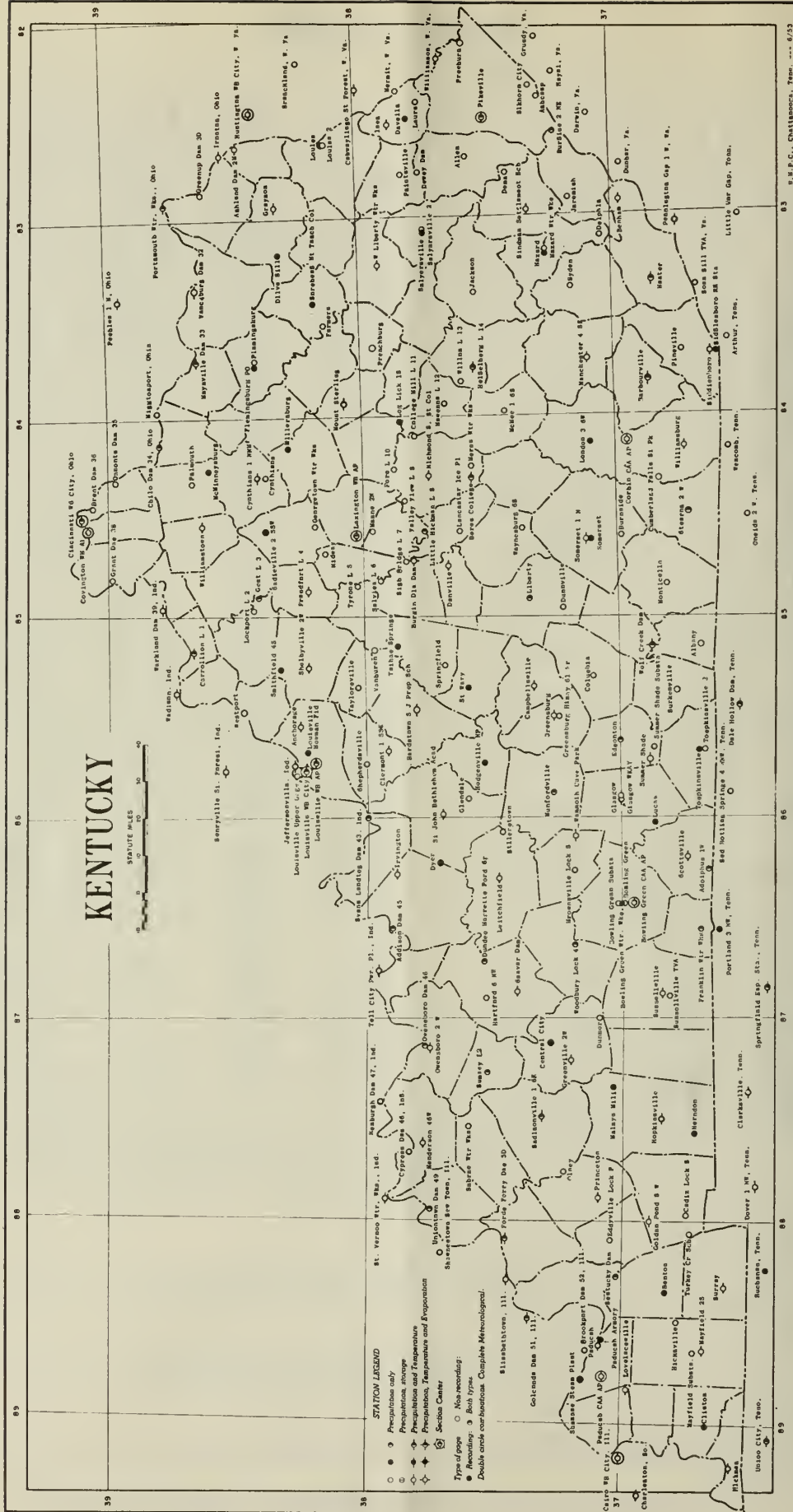
Station		Day of month																															Total or ave.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BURGIN DIX DAM	EVAP WIND	.07 1	.20 37	.23 18	.14 11	- 16	.08 17	.08 7	.02 7	.10 11	.15 7	.18 11	.12 11	.12 9	.06 1	.07 3	.08 1	.06 9	.06 27	.04 2	- 2	.13 5	.23 31	.16 31	.20 11	.08 8	.27 25	.27 18	.20 12	.20 19	.21 10	.31 32	84.38 408
WOLF CREEK DAM	EVAP WIND	.18 23	.32 108	.32 17	.23 18	.11 25	.15 43	.00 20	.21 26	.15 28	.13 30	* 20	* 27	.30 24	.10 18	.14 28	.10 13	.02 35	.11 46	.10 11	.03 12	.21 15	.27 57	.12 59	.21 19	.34 20	.24 40	.35 23	.30 78	.22 47	.32 24	5.57 969	



## STATION INDEX

KENTUCKY  
MAY 1953

Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADDITION DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380			6A CORPS OF ENGINEERS	3 C	LITTLE HICKMAN LOCK B	4825	JESSAMINE	4	37 45	84 35	560			7A CORPS OF ENGINEERS	5 C
ADOLPHUS 1 N	0043	ALLEN	3	36 39	86 16	600			7A IDELL M. O'EARING	3 C	LOCKPORT LOCK 2	4857	HENRY	4	37 51	84 02	585			6A CORPS OF ENGINEERS	3 C
ALBANY	0063	CLIFFTON	3	36 41	85 08	950			7A MRS. BARBARA M. COOL	3 C	LOGGICK 1 S	4882	CLARK	8	37 06	84 08	585			MID U. S. FOREST SERVICE	3 C
ALCO	0155	FLOYD	7	37 55	82 43	650			7P C. E. BARRETT	2 3 5	LOUISA	4943	LAWRENCE	1	38 07	82 37	584			MID JULIUS M. RANKIN	3 C
ANCHORAGE	0155	JEFFERSON	3	38 16	85 33	700															
ASHCAMP	0246	PIKE	1	37 16	82 26	1100			6A MARY S. RATLIFF	3 5	LOUISA 2	4946	LAWRENCE	1	38 07	82 37	584			7A FRED PERRY	3 C
ASHLAND DAM 29	0254	BOYD	7	37 28	82 26	534			6P CORPS OF ENGINEERS	2 3 5 7	LOUISVILLE BOWMAN FLO	4951	JEFFERSON	7	38 13	85 40	558			7A CORPS OF ENGINEERS	2 3 5 7 C
BARDSTOWN S.W. PREP SCH	0391	KNOX	2	36 52	85 53	1000			6P UNION COLLEGE	2 3 5	LOUISVILLE UPPER GAGE	4954	JEFFERSON	7	38 13	85 40	558			6A CORPS OF ENGINEERS	2 3 5 C
BARTER	0397	NELSON	3	37 48	85 28	637			6P ST. JOSEPH PREP SCH	2 3 5	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 13	85 46	403			U.S. WEATHER BUREAU	2 3 5 C
BEAVER DAM	0490	OHIO	3	37 25	86 52	441			6P E. G. YOUNG	2 3 5 7	LOVELACEVILLE	4967	BALLARD	6	36 58	88 50	370			6P BLAINE MALONE	2 3 5 C
BENHAM	0595	MARLAN	3	36 51	88 23	1580			6A B. C. WHITEAKER	2 3 5 7	LUCAS	5002	BARREN	3	36 53	86 02	—			MID WILLARD E. FOSTER	2 3 5 C
BENTON	0611	MARSHALL	3	37 48	85 28	637			6P JAMES A. GROSSMAN	2 3 5 C	MAMMOTH CAVE PARK	5007	EDMONSON	3	37 11	86 06	800			SP NATIONAL PARK SVC	2 3 5 7
BERRY COLLEGE	0619	MADISON	4	37 34	84 16	1070			7A MRS. L. B. GAFFARD	2 3 5 C	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850			7A NORA S. WHITE	2 3 5 C
BERRY WATER WORKS	0624	MADISON	4	37 34	84 16	1100															
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536			7A JAMES R. EDWARDS	3	MAYFIELD SUBSTATION	5230	GRAVES	6	36 44	88 39	364			7A TVA-5-A	3
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470			7A TVA-639	3	MAYFIELD 2 S	5232	GRAVES	6	36 42	88 38	364			SP MRS. JOE PAYNE	2 3 5
BOWLING GREEN WB AIRPORT	0908	WARREN	3	36 58	86 26	535			7A U.S. WEATHER BUREAU	2 3 5 7 C	MAYVILLE DAM 33	5243	MASON	7	38 08	83 42	524			7A CORPS OF ENGINEERS	2 3 5 7 C
BRENT DAM 36	0978	CAMPBELL	7	37 09	84 25	489			7A CORPS OF ENGINEERS	3	MC KEE 1 SE	5291	JACKSON	3	37 26	85 59	953			MID WINNIE E. MORAN	3 C
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410			7A STINSON SKAGGS	3	MC KINNEYBURG	5301	PENDLETON	3	36 38	84 16	—			MID EDWARD C. GIFFORD	3 C
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1636			6A EDWIN E. JOHNSON	3 C	MIDDLESBORO	5389	BELL	2	36 37	83 43	1130			7A LON L. HERRELL	2 3 5 7 C
BURDIN DIX DAM	1127	MERCER	4	37 48	84 35	770			6A C. W. WILLIAMS	2 3 5 6	MIDDLESBORO RR STA	5394	BELL	2	36 37	83 43	1130			MID H. C. MAGGIAN	3 C
BURNSIDE	1137	CUMBERLAND	3	36 47	85 22	600			7A HARVIN M. LEE	3	MIDWAY	5407	WOODFORD	4	36 09	84 41	—			8A CITY OF MIDWAY	3
CADIZ LOCK E	1156	PULASKI	2	36 59	84 37	705			7A THOMAS A. LEWIS	3	MILLERSBURG	5430	BOURBON	3	36 18	84 09	—			MID DAVID C. BAILEY	3 C
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	777			6P ALVA MC KINLEY	2 3 5 C	MILLERSTOWN	5438	GRAYSON	3	37 27	86 03	580			7A MRS. O. M. LAWLER	3 C
CAMPBELLVILLE LOCK 1	1345	CARROLL	4	36 41	84 17	480			6A CORPS OF ENGINEERS	2 3 5 C	MONTICELLO	5524	WAYNE	2	36 50	84 51	910			7A E. O. COOPER	3
CENTRAL CITY	1439	MULLBERRY	7	36 47	85 22	600			6P CARL F. SHIRLEY	2 3 5 C	MOUNT STERLING COLLEGE	5555	ROMAN	4	36 13	83 26	570			8A ART D. WILLIAMS	3 C
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	474			MID JAMES H. PRICE	2 3 5 C	MOUNT STERLING	5640	MONTGOMERY	3	36 04	83 56	930			SP FRED CARTER	2 3 5 C
CLINTON	1631	HICKMAN	6	36 41	89 00	370			SP BERNHEIM FOUNDATION	2 3 5 C	MUNFORDVILLE	5684	MART	9	36 16	85 53	600			7A HUBERT E. HODGES	3 C
COLLEGE HILL LOCK 11	1704	MADISON	4	37 47	84 06	—			MID WOODSON D. FRANKLIN	3 C	MURRAY	5694	CALOWAY	9	36 36	88 20	600			6P MURRAY WATER SYSTEM	2 3 5 7 C
COLUMBIA	1722	ADAIR	3	37 55	85 18	728			7A CORPS OF ENGINEERS	3	OLIVE HILL 1 NW	6012	CARTER	7	36 18	83 11	752			MID LOTTA ORA HOOPER	3 C
CORBIN CAA AIRPORT	1801	WHITLEY	2	36 58	84 08	1170			7A MRS. HAZEL B. PICKETT	3	ONIONDA DAM 35	6023	CAMPBELL	7	36 58	84 10	490			6A CORPS OF ENGINEERS	5 C
COVINGTON WB AIRPORT	1855	BOONE	7	37 04	84 40	869			MID CIVIL AERO. ADM.	2 3 5 7	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	420			7A VIRGIL D. CLARK	2 3 5 7 C
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	—			SP KY DEPT OF CONG.	3	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 08	404			7A CORPS OF ENGINEERS	3 C
CYNTHIANA	1998	HARRISON	5	38 23	84 18	684			7A MARSHALL HILL	3	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7	37 37	88 46	410			MID CIVIL AERO. ADM.	2 3 5 7 C
CYNTHIANA 1 NNE	2000	FARRISON	5	38 23	84 18	684			6P CARL F. SHIRLEY	2 3 5 C	PADUCAH	6116	MC CRACKEN	7	37 37	88 46	410			6A WESTERN P. LACKY	3 C
DAVILLA	2040	BOYLE	4	37 39	84 46	955			7A R. P. COLOIRON	2 3 5 7	PADUCAH ARMY	6117	MC CRACKEN	7	37 37	88 46	410			MID CITY OF PADUCAH	3 C
DELPHIA 1 E	2053	MARTIN	1	37 48	82 32	—			MID BERTHA DE LONG	3 C	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620			7A JESSE FAIRCHILD	2 3 5 7 C
DEPAH 1 E	2132	PERRY	4	37 02	83 07	1780			SP RALPH R. BELL	3	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620			6A CORPS OF ENGINEERS	3 C
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# KENTUCKY

STATION LEGEND

- Precipitation only
- Precipitation and temperature
- ◆ Precipitation, temperature and evaporation
- ◇ Precipitation, temperature and evaporation
- ⊕ Station Center
- ⊙ Non-precipitation
- ⊙ Both types
- ⊙ Double circle combination. Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

U.S.P.C., Chattanooga, Tenn. --- 6/53





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U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief



# CLIMATOLOGICAL DATA

## KENTUCKY

AUG 10 1953  
AUG 13 1953

JUNE 1953  
Volume XLVIII No. 6

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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

June 1953 turned out to be the eighth hottest month of that name on record. The generally unseasonably warm weather which prevailed in May continued with but few exceptions through June. Temperatures of 90° or above occurred at most stations with unusual frequency. In the western division such temperatures were recorded on 20 to 27 days; in the central division on 9 to 21 days; and in the eastern division on 9 to 17 days. Rainfall was below average with the western division showing the greatest deficiency. Sunshine was abundant and together with the high temperatures contributed to the additional depletion of soil moisture by evaporation. Windstorms contributed to property and crop damage of over half a million dollars. This was the second straight month of severe damage by summer type storms. Crop conditions at the end of the month were very similar to those prevailing at the same period last year. The western half of the state was again faced with the possibility of a serious drought, although conditions were not quite as bad as they were at this time last year. The lack of rain was most serious in the river counties from Owensboro to Paducah. The eastern half of the state had sufficient rainfall and had a good month for crop growth.

Each division in the state showed a plus departure from the normal in temperature, and for the individual stations these departures ranged from 1° to 6° with the exception of one location. The month opened rather cool and it was during the first 3 days that all locations recorded their minimum temperature for the month. A warming trend set in on the 4th, and by the 9th temperatures were much above normal. This above normal period continued through the 13th with both days and nights being quite warm. The first 100° temperatures of the season made their appearance during this period in the western section of the state. This warm period was followed by two days of slightly below normal readings. On the 16th, temperatures began rising and from that date to the end of the month, the state experienced typical mid-summer warmth without exception. The hottest period of the month was in the interval of the 20th through the 22nd when many stations reported maximums of 100° or higher. The mean temperature for the state was 77.1° which is 3.1° above normal. The monthly mean temperatures ranged from 81.6° at Hickman 1 E to 73.1° at Maysville Dam 33. Maximum temperatures throughout the state ranged from 94° to 102°, with the highest temperature reported being 102° at Beaver Dam, Owensboro 2 W, and Russellville on

the 20th, and at Hickman 1 E on the 21st. Minimum temperatures ranged from 41° to 57° with the lowest being 41° at Inez on the 3rd.

Precipitation consisted mainly of showers and scattered thundershowers and, as is true with such types of rainfall, the distribution was rather unequal. Neighboring areas received quite a variation in total amounts. While rainfall was recorded from one area or another on 18 days, the average number of days with measurable rainfall over the state as a whole was only 7 days. The heaviest falls were generally in the east central counties of Madison, Lee, and Jackson with amounts of between 6 1/2 and 10 1/4 inches. The least rainfall was reported from the western third of the state and in the counties along the Ohio River. Amounts in these areas ranged from less than one inch to somewhat under two inches. Days with statewide moderate to heavy rains were few but generally widespread showers were reported on the 7th, 11th, 16th, and 29th. The average precipitation for the state was 3.42 inches which is 0.77 inch below normal. The total amounts recorded at the various locations ranged from 10.23 inches at McKee 1 SE to 0.46 inch at Owensboro 2 W. The heaviest rainfall in any one day was 4.34 inches at Louisa 2 reported on the 22nd. This rain was the result of a severe thunderstorm and all the rain fell within a three hour period. There was some minor flooding in the town of Louisa as a result but the amount of damage was slight.

The greatest weather damage during the month was caused by a windstorm on the 13th which hit the western part of the state. Three fatalities, two injuries, and \$500,000 damage to property and crops were the direct and indirect results of this storm. Other windstorms occurred on the 10th when Jefferson, Harlan, Perry, and Letcher Counties, and parts of Central Kentucky were affected on the 21st accompanied by hail, with Harlan County receiving the brunt of the storm and on the 23rd with Louisville receiving some damage.

In the drought area, corn was standing the lack of rain pretty well, but stands of late planted were not too good. Tobacco and soybeans stands were also reported below normal in the dry area. Pastures were short and turning brown. In the eastern half of the state where rainfall was sufficient, reports indicated that crops were doing well. Most small grain harvest was finished by the end of the month. - W. S.



# SUPPLEMENTAL DATA

KENTUCKY  
JUNE 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	100-199	200 and over	Total		
LEXINGTON WB AP	8	15	8.3	-	-	-	82	81	48	81	2	3	5	0	0	1	11	-	4.9
LOUISVILLE WB AP	S	18	7.4	52	NW	10	78	80	48	52	2	2	4	1	0	0	9	88	4.1

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	70.8	88	38	5.27	-	-	1814	78.3	108	45	2.30	0	5	1838	75.1	97	47.	8.00	0	14
1890	78.4	101	51	4.96	-	-	1815	71.7	95	42	4.78	0	12	1940	73.1	100	44	3.38	0	11
1891	77.1	97	51	4.48	-	-	1818	70.1	98	45	4.84	0	11	1941	74.7	103	41	4.67	0	11
1892	75.8	101	48	4.23	-	-	1817	70.9	100	38	4.30	0	10	1842	74.7	98	41	5.54	0	12
1893	73.3	97	48	4.64	-	-	1818	73.8	104	37	3.83	0	8	1943	77.5	100	46	4.04	0	10
1894	75.6	102	35	2.88	-	-	1819	78.7	103	51	4.00	0	10	1944	77.8	107	40	1.70	0	8
1895	75.9	104	47	3.83	0	-	1920	71.8	100	44	3.12	0	7	1845	71.8	98	37	5.32	0	11
1896	73.5	98	46	4.84	0	10	1821	77.8	100	48	2.80	0	8	1946	73.1	98	38	4.18	0	8
1897	73.4	101	41	3.81	0	9	1822	78.4	100	44	3.10	0	9	1947	72.1	98	40	4.73	0	10
1898	78.2	101	45	3.90	0	8	1923	73.8	99	42	4.58	0	9	1848	73.8	89	37	3.35	0	9
1899	76.1	100	44	2.80	0	8	1924	74.2	99	42	4.38	0	12	1948	74.8	87	40	5.52	0	12
1900	73.9	100	40	8.14	0	14	1825	77.0	105	48	3.90	0	7	1950	72.1	96	32	6.60	0	11
1901	75.8	104	42	3.97	0	9	1928	70.9	88	42	3.45	0	8	1851	73.4	101	44	5.03	T	14
1902	73.4	101	38	4.75	0	11	1827	70.4	98	42	4.13	0	11	1952	78.1	109	45	2.63	T	6
1903	68.6	96	37	3.81	0	10	1928	89.5	93	45	10.88	0	18	1953	77.1	102	41	3.42	T	7
1904	73.2	99	48	3.14	0	11	1929	71.7	97	37	4.11	0	8							
1905	74.8	106	45	4.49	0	10	1930	73.1	104	38	1.78	0	6							
1906	73.9	99	42	4.53	0	11	1831	75.3	106	38	2.80	0	8							
1907	70.2	95	41	4.87	0	11	1832	74.8	103	40	4.88	0	11							
1908	73.4	102	43	4.36	0	7	1833	78.5	105	38	1.57	0	4							
1909	74.5	99	43	5.03	0	14	1934	77.4	105	50	4.58	0	8							
1910	70.0	99	36	5.20	0	10	1935	70.5	96	44	7.50	0	14							
1911	75.2	106	45	4.06	0	10	1838	78.1	110	40	0.81	0	3							
1912	70.2	95	38	3.48	0	10	1837	74.3	88	48	4.52	0	10							
1913	75.0	107	38	2.87	0	7	1838	71.8	95	45	3.83	0	11							

Data for the period beginning with January 1948 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
JUNE 1953

TABLE 2

Station	Temperature										Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More		
										80° or Above	32° or Below	32° or Below	32° or Below												
WESTERN DIVISION																									
BEAVER DAM	92.6	65.7	79.2	4.7	102	20	49	3		0	23	0	0	0	1.81	- 1.90	1.23	28	.0	0		6	1	1	
FORDS FERRY DAM 50	92.3	69.0	80.7		99	20	54	2+		0	24	0	0	0	2.94	- .55	1.65	29	.0	0		6	2	1	
GOLDEN POND 8 N	93.8	66.1	80.0		101	20	48	3		0	27	0	0	0	1.71		.60	6	.0	0		5	2	0	
GREENVILLE 2 W	92.1	65.5	78.8	4.5	99	20	48	3		0	22	0	0	0	1.02	- 3.49	.52	13	.0	0		5	1	0	
HENDERSON 4 SW	91.7	67.0	79.4	2.7	100	20	51	2+		0	20	0	0	0	1.84	- 1.88	.67	10	T	0		6	1	0	
HICKMAN 1 E	94.5	68.6	81.6		102	21	52	3		25	0	0	0	.73		.60	14	.0	0		3	1	0		
HOPKINSVILLE	93.5	67.2	80.4	5.0	101	21	56	2+		24	0	0	0	1.07	- 3.22	1.01	14	.0	0		3	1	1		
LOVELACEVILLE	93.4	68.7	81.1	5.3	100	9+	52	3		0	26	0	0	0	2.52	- 1.94	1.10	14	T	0		4	2	2	
MAOISONVILLE 1 SE	91.9	67.1	79.5		99	20	51	3		0	23	0	0	0	3.82		1.18	28	.0	0		7	5	1	
MAYFIELD 2 S	93.4M	68.9M	81.2M	5.7	100	20	55	2		0	25	0	0	0	1.16	- 2.57	1.05	14	.0	0		2	1	1	
MURRAY	93.8	68.3	81.1	5.8	101	20	53	3		0	24	0	0	0	1.13	- 2.90	.80	14	.0	0		3	1	0	
OWENSBORO 2 W	93.8	67.4	80.6	6.4	102	20	53	2		0	24	0	0	0	.46	- 3.48	.18	29	T	0		5	0	0	
PADUCAH CAA AIRPORT	92.3	69.6	81.0		99	20	55	2+		0	25	0	0	0	1.98		.86	6	.0	0		6	1	0	
PADUCAH	92.3	69.0	80.7	3.6	100	21	54	3		0	22	0	0	0	4.70	.64	1.65	7	T	0		5	3	3	
PRINCETON	93.8	66.0	79.9	4.3	100	20	50	3		0	25	0	0	0	1.66	- 2.36	.71	13	.0	0		4	1	0	
RUSSELLVILLE	93.1	65.7	79.4	4.6	102	20	49	3		0	24	0	0	0	1.36	- 2.09	.42	14	.0	0		7	0	0	
DIVISION			80.3											1.87	T										
CENTRAL DIVISION																									
ANCHORAGE	88.1	63.1	75.6	3.4	98	20	47	2+	1	13	0	0	0	2.65	- 1.19	1.33	6	.0	0		7	2	1		
BARDSTOWN S J PREP SCH	91.6	63.7	77.7		99	20	47	3	0	19	0	0	0	2.55		1.15	16	.0	0		7	2	1		
BOWLING GREEN CAA AP	91.3	66.3	78.8	5.0	99	20	51	3	0	21	0	0	0	4.73	.70	3.12	16	.0	0		5	3	1		
BURGIN OIX DAM	89.9	63.6	76.8	2.1	97	24	47	3	0	16	0	0	0	3.72	-.73	1.40	29				6	2	2		
CAMPBELLSVILLE	89.6	61.6	75.6		97	20	46	2	1	15	0	0	0	3.32		1.33	6	.0	0		6	2	2		
CARROLLTON LOCK 1	89.6	63.7	76.7		100	30	46	2	2	16	0	0	0	1.04	- 2.89	.34	7	.0	0		5	0	0		
CLERMONT 1 SSE	91.7	62.4	77.1		100	20	45	3	2	20	0	0	0	4.23		1.61	24	.0	0		9	3	2		
COVINGTON W 8 AIRPORT	87.5	64.2	75.9	4.1	98	30	46	2	1	12	0	0	0	3.14	-.90	1.60	10	T	0		5	2	2		
OANVILLE	87.8	64.1	76.0	3.5	97	21	50	2+		14	0	0	0	4.07	-.11	1.09	11	T	0		7	5	1		
FRANKFORT LOCK 4	90.4	61.8	76.1	2.3	101	21	47	3+		16	0	0	0	2.13	- 1.84	1.04	29	.0	0		6	2	1		
GLASGOW WKAY	89.7	64.1	76.9		97	20+	49	2+	1	14	0	0	0	2.33		1.51	16	.0	0		8	1	1		
GREENSBURG	90.1	63.9	77.0	3.6	98	21+	50	2+		17	0	0	0	2.39	- 2.08	.73	14	.0	0		6	2	0		
IRVINGTON	90.8	66.0	78.4	4.3	100	20+	50	3	0	17	0	0	0	2.10	- 1.99	.67	27	.0	0		8	1	0		
LEITCHFIELD	89.7	65.9	77.8	4.3	98	20	52	2+	0	13	0	0	0	1.65	- 2.52	1.25	16	.0	0		7	1	1		
LEXINGTON W8 AIRPORT	89.3	64.9	77.1	4.9	100	20	50	2	1	17	0	0	0	3.71	-.50	2.24	28	T	0		9	1	1		
LOUISVILLE W8 AP	90.8	66.6	78.7	4.5	100	20	53	2+	0	18	0	0	0	1.68	- 2.38	.85	16	.0	0		7	1	0		
LOUISVILLE WB CITY	88.5	69.3	78.9	4.0	98	20	57	2	0	13	0	0	0	2.60	- 1.45	.81	6	T	0		6	3	0		
MAMMOTH CAVE PARK	90.1	63.4	76.8	3.8	97	9+	46	3	1	15	0	0	0	5.26	.86	2.05	16	.0	0		9	3	2		
ST JOHN BETHLEHEM ACAO	90.8	66.7	78.8	6.0	98	21	52	2		19	0	0	0	2.08	- 2.12	1.58	29	.0	0		4	1	1		
SCOTTSVILLE	91.0	66.2	78.6		98	9+	50	3	0	19	0	0	0	3.11		2.01	16	.0	0		8	1	1		
SHELBYVILLE 2 W	89.6	64.1	76.9	3.7	99	20	50	2+	0	14	0	0	0	4.68	.40	2.40	7	.0	0		5	4	1		
SOMERSET 1 N	86.5	62.4	74.5		94	9+	47	3	0	9	0	0	0	5.37		1.42	10	T	0		9	5	2		
SUMMER SHADE	91.5	65.2	78.4		100	20	52	2	0	20	0	0	0	2.53		1.21	16	.0	0		8	1	1		
WILLIAMSTOWN	87.6	63.4	75.5	2.9	98	21	49	2		13	0	0	0	3.31	-.60	1.80	17	.0	0		4	3	1		
WOLF CREEK DAM	90.7	65.5	78.1		99	10+	54	3		19	0	0	0	3.95		1.17	28	.0	0		10	5	1		
DIVISION			77.1											3.13	T										
EASTERN DIVISION																									
ASHLAND DAM 29	87.3	62.8	75.1	1.8	98	21	47	3	2	12	0	0	0	4.25	.04	1.26	27	.0	0		8	4	1		
BARBOURVILLE										0	0	0	0			.0	0				7				
BAXTER	86.8	62.4	74.6		96	22	49	2+		10	0	0	0	4.28		1.40	7	.0	0		8	3	1		
BENHAM	88.5	61.0	74.8		100	22	45	3		15	0	0	0	3.98		1.14	7	T	0		11	3	1		
BEREA COLLEGE	87.6	64.6	76.1	3.0	95	9	47	2	1	13	0	0	0	7.35	2.72	2.23	6	.0	0		9	4	4		
CORBIN CAA AIRPORT	86.2	60.9	73.6		94	20+	46	3	1	10	0	0	0	5.09		1.41	6	T	0		8	4	2		
CYNTHIANA 1 NNE																									
FARMERS	89.1	60.1	74.6	2.8	96	9+	44	3	4	17	0	0	0	2.63	- 1.76	.50	29	.0	0		9	1	0		
GRAYSON	88.1M	61.3M	74.7M		99	21	45	3	2	14	0	0	0	3.28		1.23	27	.0	0		7	3	1		
HEIDELBERG LOCK 14	89.6	61.9	75.8	3.1	100	21	46	3	1	16	0	0	0	6.69	2.17	1.45	11	.0	0		10	7	2		
HINDMAN SETTLEMENT SCH	89.2	60.2	74.7		99	22	44	2		16	0	0	0	6.54		1.80	7	.0	0		12	6	3		
INEZ	88.3M	59.5M	73.9M		98	21	41	3	4	0	0	0	0	5.37		1.30	13	.0	0		9	2			
MANCHESTER 4 SE	88.7	60.1	74.4		97	20+	44	2	3	14	0	0	0	3.95		1.13	7	.0	0		9	2	1		
MAYSVILLE DAM 33	85.7	60.5	73.1	.2	95	22	45	2		10	0	0	0	2.27	- 1.72	.91	11	.0	0		7	2	0		
MIDDELSBORO	89.3	62.1	75.7	3.2	97	21	45	3	0	15	0	0	0	8.27	3.71	2.71	22	.0	0		9	5	3		
MOUNT STERLING	88.9	62.8	75.9	3.0	97	21	48	2	1	17	0	0	0	5.46	.83	1.63	28	.0	0		9	4	1		
PIKEVILLE	89.6	64.0	76.8	1.8	98	9+	49	2	0	17	0	0	0	4.61	.27	.94	6	.0	0		9	6	0		
RICHMOND E STATE COL	86.6	63.1	74.9	1.4	95	1	47	3	9	9	0	0	0	4.08	-.16	1.03	7	.0	0		11	4	1		
VANCEBURG DAM 32	88.0	62.2	75.1		98	20+	47	2	2	16	0	0	0	2.80		1.11	27	.0	0		6	2	1		
WEST LIBERTY WATER WKS	88.4	59.1	73.8		96	22	42	2		14	0	0	0	4.54		1.04	7	.0	0		8	6	1		
WILLIAMSBURG																		.0	0		7				
DIVISION			74.9											4.75	T										
STATE			77.1	3.1											3.42	- .77	T								

KENTUCKY  
JUNE 1953

[illegible]



# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
JUNE 1953

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RUSSELLVILLE	1.36	.02					.01	.03						.42															.15	.35	.36			
RUSSELLVILLE SUBSTA	1.48													.44															.24	.14	.65			
ST JOHN BETHLEHEM ACAD	2.06							.15						.05																.30	1.58			
SALVISA LOCK 6	2.66	T						.17				.06																		.09	1.97	.02		
SALYERSVILLE 2	3.55						1.30				.75			.24	.03		.40	.05					.31		.00	.01	T	.26	.03	.43	.15			
SCOTTSVILLE	3.11	.07					.42							.18	.09		2.01												.20	.13	.01			
SEBREE WATER WORKS	1.45							.02						.70	.23														.00	.38	T			
SHAWNEE STEAM PLANT	2.30							.65				.17			1.15														.15	.24				
SHELBYVILLE 2 W	4.86							2.40			.20				T		.52								T									
SHEPHERSVILLE	3.02							.06			.06			.01			1.50								.33					.02	.89	.15		
SOMERSET 1 N	5.37	.01					1.30	.57			1.42			.00			.62												.01	.30	.66			
SPRINGFIELD	3.66							.10									.39																	
STEARNS 2 N	6.42							1.39				.42	.10	2.30																.43			1.78	
SUMMER SHADE	2.53						.39	.15			.21			.03	.23		1.21													.18	.13			
SUMMER SHADE SUBSTA	2.62						.25	.19				.27			.26		1.35														.04	.18	.06	
TAYLORSVILLE	1.77							.26									.39														.34	.78		
TOMPKINSVILLE 2	2.05							.55									.65														.05	.60		
TURKEY CREEK SCHOOL	1.42							.21							.99															.21		.01		
TYRONE LOCK 5	3.06							.57				.17		.03	.02		.30									T					.24	1.45	.40	
UNIONTOWN DAM 49	.96							.01						.74														T						
VALLEY VIEW LOCK 9	3.47							.50				.25		.15	.03		.14	.13					.95						.32	.05	.78	.16		
VANBUREN	3.55							.72									.54																	
VANCEBURG DAM 32	2.80							.33		.09				.85	.05											.40		.14			.35	1.46		
WAYNESBURG 6 E	7.73	T					T	4.13				.01		.42	.10		.46	T											1.11	.37		.91		
WEST LIBERTY WATER WKS	4.54							1.04				.75		.56				.16					.57			T			.14	.91	.76			
WESTPORT	1.95							1.30				.00				T																		
WILLIAMSBURG	-						-					-																						
WILLIAMSTOWN	3.31							.61									1.60													.60	1.35	.30	.76	T
WILLOW LOCK 13	6.74	.10						1.65			1.15				.02		.46													.65	.60	.96	.95	
WOLF CREEK DAM	3.95						.02	.35			.57			.03			.51	.53												.02	1.17	.09	.60	
WOODBURY LOCK 4	5.27							.04						.56			.13													1.70	.49	.30	.05	



## MONTHLY AND SEASONAL SNOWFALL

Season of 1952 - 1953

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ADDISON OAM 45					2.5	1.5	-		T				-
ADOLPHUS 1 N					1.5	T	.5						2.0
ALBANY					-	.1	-						-
ALLEN					1.5	1.6	3.5	-	-	1.1			-
ANCHORAGE				T	2.4	4.2	6.0	T	3.1	2.0			17.7
ASHCAMP					8.5	T	2.5	4.0	T				15.0
ASHLAND DAM 29				T	1.5	.3	5.4	.5	5.4	.4			13.5
BARBOURVILLE					10.0	T	-	3.0	T	T			-
BARSTOWN S J PREP SCH					2.1	1.9	-		T	T	T		-
BAXTER					6.0	.3	3.4	.T	T	T	T		12.4
BEAVER OAM					.8	.5	.5						1.6
BENHAM				T	14.0	2.5	12.5	10.0	-	4.5	T	T	-
BEEBA COLLEGE					2.7	1.1	7.2	T	.4	.1	T		11.5
BEEBA WATER WORKS					2.5	.6	3.3	T		T			6.6
BOWLING GREEN					1.5	1.0	1.0						3.5
BOWLING GREEN SUBSTA	-	-	-	-	-	-	-	-	-	-	-	-	-
BOWLING GREEN WB AP				T	1.0	T	.6	T	T	T			1.6
BRENT DAN 36					2.0	4.5	4.9	T	4.6	T			16.2
BROWNVILLE LOCK 6				-	1.0	T	-	-	-	1.0			-
BURDINE	-	-	-	-	-	-	-	-	-	-	-	-	-
BURDINE 2 NE				T	2.5	1.5	5.0	5.5	T	T			14.5
BURGIN DIX DAN	-	-	-	-	-	-	-	-	-	-	-	-	-
BURNESVILLE					2.5	.3	-	-	-	T			-
BURNSIDE					1.0	.8	3.0			T			4.6
CADIZ LOCK E					.1	T	T						.1
CAMPRELLSVILLE	T				2.0	T	5.0	T		T	T		7.0
CARROLLTON LOCK 1					.7	-	-		3.5				-
CLERMONT 1 SSE					2.0	-	5.6		1.0	T			8.6
COLLEGE HILL LOCK 11					2.5	T	-	T	T	T			-
COLUMBIA							-	T	T	T	T		-
CDRAIN CAA AIRPORT					1.4	.2	1.2	1.6	T	T		T	10.6
COVINGTON W B AIRPORT				T	3.7	6.0	5.7	T	4.9	3.3	T	T	29.6
CUMBERLAND FALLS ST PK					1.5	-	-						-
CYNTHIANA					3.0	4.3	3.9	T	2.3	T			13.5
CYNTHIANA 2					.6	1.5	3.0	T	1.0	T			6.3
DANVILLE	T	T		T	2.5	1.5	7.0	T	.5	T		T	11.5
DELPHIA 1 E					12.0	-	6.5	6.6	T	T			27.6
DEMA					-	1.0	5.0	2.0					-
DEWEY DAM				T	1.0	.4	1.4	1.0	2.0	T			5.6
DUNDEE BARRETT'S FORD BR					1.0	-	-			T			-
DUNMORE					1.3	T	T						1.3
DUNMOREVILLE					1.0	-	.4						1.4
EDDYVILLE LOCK F					.6	T	T			T			.6
EDMONTON					1.0	-	1.0						2.0
ELKHORN CITY					1.0	-	3.6	4.6	-	.7			-
FALMOUTH					1.4	3.0	3.0	T	3.0	T			10.4
FARMERS					2.5	1.5	2.7	T	1.0	T			7.7
FLEMINGSBURG				T	2.5	2.0	-			.3			-
FORD LOCK 10					.2	-	5.5	T	1.0	T			-
FORDS FERRY OAM 5D					T	1.5	T			T			1.5
FRANKFORT LOCK 4	-	-	-	-	-	-	-	-	-	-	-	-	-
FRANKLIN WATER WORKS				T	T	T	-	-	-	-			T
FREEDMAN					T	-	-	-	-	-			-
FRENCHBURG					2.0	3.5	7.0	T	1.5	T			14.0
GEORGETOWN WATER WORKS					2.0	.2	2.6		.3				5.1
GEST LOCK 3					2.0	.5	4.0						6.5
GLASGOW					2.0	-	3.0						-
GLASGOW WKAY	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENDAL					1.2	.3	-	-	1.0	-			-
GOLDEN POND 6 N	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANT DAN 36					2.0	-	3.0	T		-			-
GRAYSON					1.6	T	3.0	T	2.6	T			7.4
GREENSBURG					1.5	T	2.0						3.5
GREENSBURG HWAY 61 BR					-	-	-						-
GREENUP DAM 30				T	1.6	2.2	2.0	T	3.6	1.1			10.9
GREENVILLE 2 W					2.0	1.5	1.0						4.5
HARLAN	-	-	-	-	-	-	-	-	-	-	-	-	-
HARTFORD 6 NW					1.5	T	1.5	T	T	T			3.0
HAZARD WATER WORKS					T	-	-	T	T	T			-
HEIDELBERG LOCK 14					1.3	.4	5.0	T	T		T		6.7
HENDERSON 4 SW				T	1.5	4.0	2.3	T	1.0	1.0	T	T	9.8
HICKMAN 1 E					1.0	T	T		T				1.0
HICKSVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-
HIGH BRIDGE LOCK 7					1.5	1.6	-	-	T	T			-
HINDMAN SETTLEMENT SCH					-	-	1.5	.3	T				-
HOPKINSVILLE				T				.2					.2
HYDEN					1.0	T	4.0	T		T			5.0
INCEZ					3.0	-	5.5						8.5
IRVINGTON					1.5	2.6	6.3		T	T			10.6
JACKSON					2.0	T	-						-
JEREMIAH					2.5	.4	2.1	1.0	T	T			6.0
KEENE 2 N					-	1.0	T	T	T	T			-
KENTUCKY DAN	-	-	-	-	-	-	-	-	-	-	-	-	-
LANCASTER ICE PLANT					-	-	6.0			T			-
LAURA					1.5	T	1.5	1.0	T	T		T	4.0
LEITCHFIELD					1.0	-	3.0	T	.5				-
LEXINGTON W6 AIRPORT				T	2.1	2.1	5.1	T	2.2	.1		T	11.6
LIBERTY					1.0	T	-			T			-
LITTLE HICKMAN LOCK 6					2.0	.3	2.0						4.3
LOCKPORT LOCK 2					1.5	2.0	5.1		3.5	T			12.1
LOUISA 2					1.0	T	5.0	5.0	T	T			11.0
LOUISVILLE W6 AP				T	2.3	3.7	4.6	T	3.1	.4			14.3
LOUISVILLE UPPER GAGE					1.0	2.0	5.3		2.0				10.3
LOUISVILLE W6 CITY				T	1.3	3.0	4.6		3.1	.4		T	12.6
LOVELACEVILLE					.4	T	T	T	T	T		T	.4

See Reference Notes Following Station Index

# MONTHLY AND SEASONAL SNOWFALL

Continued

Season of 1952 - 1953

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
NADISONVILLE 1 SE					.8	T	T			T			.8
MAMMOTH CAVE PARK					1.0	.3	1.5	T	T	T			2.8
MANCHESTER 4 SE					5.0	.7	2.2	3.0	T	T			10.9
MAYFIELD SUBSTA	-	-	-	-	.3	-	-	-	-	-	-	-	-
MAYFIELD 2 S					.3	T	T		T				.3
NAYSVILLE DAM 33				T	3.0	4.6	5.0	.3	5.0	T			17.9
MC KEE 1 SE					3.0	-	-	.5	1.8				-
MIDDLESBORO					2.5	T	T	3.2	T	T			9.7
NIDWAY					2.0	1.0	5.0		2.0				10.0
NILLERSTOWN					2.0	.4	2.0	T	T				4.4
MONTICELLO					1.0	T	-						-
MOUNT STERLING				T	2.9	-	-	T	1.1				-
MUNFORDVILLE					1.0	T	-						-
MURRAY			T		T	T	T	T	T				T
OLNEY									T				T
ONEONTA DAM 35				T	1.5	1.2	3.0		5.0				10.7
OWENSBORO 2 W					2.0	2.3	-		.5		T	T	-
OWENSBORO DAM 46					2.5	.8	-		T	T			-
PADUCAH CAA AIRPORT					T	T	T	T	T				T
PADUCAH					.7	T	T	T	T			T	.7
PAINTSVILLE					4.0	.3	5.9	T	1.8	1.5			13.5
PIKEVILLE					-	-	T	-	T				-
PIKEVILLE					-	T	1.1	1.0	T	T			-
PRINCETON					.2	.7	T						.9
RAVENNA LOCK 12					-	-	1.5						-
RICHMOND E STATE COL				T	2.5	1.8	6.4	T	1.5	T			12.2
RUNSEY LOCK 2					1.0	3.8	-						-
RUSSELLVILLE					2.1	-	-						-
RUSSELLVILLE SUBSTA	-	-	-	-	-	-	-	-	-	-	-	-	-
ST JOHN BETHLEHEM ACAD					1.5	T	2.9		T	T			4.4
SALVISA LOCK 6					1.0	T	-						-
SALYERSVILLE 2	-	-		T	1.5	-	-	-	-				-
SCOTTSVILLE				T	2.0	T	1.0		T				3.0
SEBREE WATER WORKS					2.2	3.4	2.0	T	T	T			7.6
SHAWNEE STEAM PLANT	-	-	-	-	-	-	-	-	-	-	-	-	-
SHELBYVILLE 2 W					2.0	1.5	5.7	T	2.2	1.0			12.4
SHEPHERDSTOWN					2.0	1.0	2.5		-				-
SOMERSET 1 N					-	-	-						-
SPRINGFIELD					1.0	.7	2.5	T	T	T		T	4.2
STEARNS 2 N					-	-	-						-
SUMMER SHADE				T	1.5	.3	2.5	T	T	T			4.3
SUMMER SHADE SUBSTA	-	-	-	-	-	-	-	-	-	-	-	-	-
TAYLORSVILLE					2.0	1.0	4.0		2.0			T	9.0
TOMPKINSVILLE 2	-	-	-	-	-	-	1.0						-
TURKEY CREEK SCHOOL	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE LOCK 5					1.0	.6	2.1		.8				4.5
UNIONTOWN DAM 49					-	T	-						-
VALLEY VIEW LOCK 9					2.0	1.0	2.0	T	T	T			5.0
VANBUREN													-
VANCEBURG DAM 32					2.5	2.5	2.5		5.0	T			12.5
WAYNESBURG 6 E					1.5	T	4.5			T			6.0
WEST LIBERTY WATER WKS					2.0	-	5.0	T	1.0	T			-
WESTPORT					2.5	-	3.5		3.5	T			-
WILLIAMSBURG					1.3	T	-		T				-
WILLIAMSTOWN				T	2.0	-	5.0		.5	1.5			-
WILLOW LOCK 13					1.0	.5	-						-
WOLF CREEK DAM					-	.1	-			T			-
WOODBURY LOCK 4					1.0	-	T						-

# DAILY TEMPERATURES

KENTUCKY  
JUNE 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	80	80	83	88	89	87	83	92	91	87	82	91	83	80	82	88	85	84	91	98	95	92	95	92	93	87	93	88	90	95	88.1	
	MIN	58	47	47	57	60	66	60	66	71	67	66	61	64	62	52	61	66	57	63	66	73	63	62	64	71	69	67	69	70	68	63.1	
ASHLAND OAM 29	MAX	75	77	84	92	93	90	80	92	95	89	80	89	84	74	84	80	85	80	88	95	98	88	92	92	93	92	88	88	89	94	87.3	
	MIN	58	48	47	52	57	62	62	63	69	65	63	59	69	58	56	62	72	68	64	66	66	63	61	63	65	67	67	71	71	71	62.8	
BARBOURVILLE	MAX																											90	83	92			
	MIN																											65	64	65			
BARSTOWN 5 J PREP SCH	MAX	93	80	86	90	89	89	88	94	96	96	85	95	94	85	88	90	89	87	95	99	98	95	96	96	96	95	94	85	91	95	91.6	
	MIN	60	59	47	56	60	67	60	65	70	67	64	58	62	65	52	66	65	58	62	66	72	64	64	69	69	70	68	69	69	69	63.7	
BAXTER	MAX	89	80	80	86	85	87	85	87	91	92	90	84	89	83	83	85	77	83	83	91	95	96	87	92	90	90	89	81	83	80	86.8	
	MIN	62	49	49	53	54	61	64	65	67	71	65	61	64	63	57	61	66	64	61	62	66	62	63	63	62	65	66	68	69	68	62.4	
BEAVER OAM	MAX	83	80	87	89	91	90	90	96	97	95	92	95	91	86	89	96	93	89	97	102	98	95	96	98	98	92	95	90	92	95	92.6	
	MIN	64	51	49	58	64	69	60	68	73	73	68	64	68	67	57	72	67	59	64	70	71	62	64	68	71	69	68	72	70	70	65.7	
BENHAM	MAX	92	79	80	85	88	90	88	90	94	97	93	85	88	90	82	87	81	85	82	91	97	100	88	95	90	91	85	92	90	80	88.5	
	MIN	60	47	45	50	50	63	63	65	70	66	61	58	61	62	55	63	68	64	57	62	68	60	57	61	64	65	66	70	67	63	61.0	
BEREA COLLEGE	MAX	79	80	86	87	89	78	86	93	95	93	83	90	84	79	85	85	85	83	91	93	95	89	93	93	91	90	90	85	84	94	87.6	
	MIN	62	47	48	62	65	65	65	68	77	65	63	61	65	63	55	65	69	61	61	66	76	65	61	63	72	70	67	68	69	69	64.6	
BOWLING GREEN CAA AP	MAX	86	81	88	90	91	83	90	94	97	96	90	97	94	86	90	91	90	86	93	99	98	92	95	94	95	89	92	88	88	96	91.3	
	MIN	60	54	51	56	63	65	61	67	74	72	66	63	67	64	57	68	68	62	66	69	72	69	68	74	73	72	72	73	71	66.3		
BURGIN OIX OAM	MAX	76	80	86	89	90	90	89	94	96	95	85	93	86	82	88	87	87	86	92	96	96	93	98	97	94	93	92	85	89	95	89.9	
	MIN	60	49	47	49	63	64	62	65	74	68	64	62	63	62	53	62	66	61	61	64	73	66	63	66	69	71	68	73	70	69	63.6	
CAMBELLVILLE	MAX	83	81	88	86	87	84	90	92	95	92	84	91	68	84	88	87	89	87	92	97	96	93	95	94	93	91	92	86	88	94	89.6	
	MIN	58	46	48	56	58	63	61	64	70	66	62	59	64	64	50	64	63	57	59	62	70	64	59	67	65	67	65	67	66	65	61.6	
CARROLLTON LOCK 1	MAX	83	80	82	89	90	85	83	93	95	90	86	93	85	78	83	88	83	87	92	99	97	92	97	95	95	92	94	86	96	100	89.6	
	MIN	59	46	47	53	70	68	63	62	74	67	64	60	64	59	54	61	63	59	62	65	75	66	65	69	69	69	66	71	71	69	63.7	
CLERMONT 1 SSE	MAX	91	79	86	90	90	88	88	95	98	95	85	96	93	85	88	91	89	87	95	100	97	95	96	96	95	94	94	86	92	96	91.7	
	MIN	57	47	45	55	60	66	59	64	70	69	63	59	62	65	51	63	64	56	60	64	72	61	62	64	70	72	66	69	69	67	62.4	
CORBIN CAA AIRPORT	MAX	79	78	83	85	85	80	87	91	92	91	81	88	86	81	85	82	85	81	90	94	94	87	90	90	88	87	91	83	82	90	86.2	
	MIN	57	49	46	50	53	61	65	62	69	66	64	58	61	58	51	65	67	61	57	63	68	63	57	64	61	63	65	63	68	66	60.9	
COVINGTON W 8 AIRPORT	MAX	74	82	85	87	88	83	80	92	92	79	85	89	84	77	83	85	80	86	92	97	94	94	94	94	93	87	91	86	94	98	87.5	
	MIN	59	46	52	61	65	63	60	65	75	66	61	62	66	57	55	65	66	65	65	70	69	62	68	68	69	70	66	71	70	70	64.2	
CYNTHIANA 1 NNE	MAX																																
	MIN																																
DANVILLE	MAX	93	80	79	84	86	87	80	87	91	95	92	83	90	83	80	84	80	87	83	91	97	96	91	94	93	91	90	91	88	87	87.8	
	MIN	62	50	50	54	65	67	63	65	71	72	64	63	66	64	55	58	68	60	62	65	70	67	64	65	69	71	67	70	69	68	64.1	
FARMERS	MAX	88	78	83	89	90	89	85	93	96	94	84	90	90	77	85	85	85	84	90	96	96	90	94	95	92	93	90	87	92	92	89.1	
	MIN	55	45	44	50	55	59	60	60	68	65	62	57	64	58	52	59	65	61	60	62	66	59	58	64	61	64	66	69	68	66	60.1	
FORDS FERRY OAM 50	MAX	85	80	88	89	91	91	90	94	97	95	91	97	96	85	90	95	90	90	98	99	95	95	95	97	95	90	95	89	92	96	92.3	
	MIN	73	54	54	66	68	65	64	74	72	76	72	70	67	67	61	76	69	66	71	74	77	68	68	70	73	68	70	72	73	72	69.0	
FRANKFORT LOCK 4	MAX	94	82	81	85	89	90	81	88	94	95	92	88	93	84	80	87	88	88	96	101	100	94	99	95	94	93	93	87	94		90.4	
	MIN	60	48	47	47	55	59	61	62	63	71	66	60	61	62	54	54	65	60	60	62	64	64	64	66	72	71	68	68	71	69	61.8	
GLASGOW WKAY	MAX	86	79	86	87	88	85	88	93	94	93	85	92	89	84	89	88	87	85	93	97	97	92	92	94	97	90	92	86	88	94	89.7	
	MIN	61	49	49	54	58	63	60	66	72	70	68	60	66	64	56	68	68	61	61	65	73	66	62	71	73	64	67	70	70	68	64.1	
GOLDEN POND 8 N	MAX	87	81	90	91	93	90	93	94	98	96	95	95	94	86	92	96	92	92	99	101	94	96	97	99	96	95	96	94	93	98	93.8	
	MIN	68	53	48	54	60	69	61	68	72	72	73	65	66	66	62	76	65	62	66	73	73	62	66	66	69	70	67	71	72	68	66.1	
GRAYSON	MAX	76	79	84	90	91		82	93	96	87	82	90	84	78	84	81	85	83	89	96	99	89	93	94	94	93	90	89	89	95	88.1	
	MIN	55	47	45	50	54		70	61	68	65	61	52	63	574																		



# DAILY TEMPERATURES

KENTUCKY  
JUNE 1953

Table 5 - Continued

Station		Day Of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MANCHESTER 4 SE	MAX	84	80	86	88	89	80	88	95	95	93	84	90	87	81	86	85	84	81	93	97	97	90	92	94	92	92	95	88	84	91	88.7
	MIN	60	44	45	49	51	58	65	62	66	66	62	59	61	64	53	60	61	59	65	63	65	62	59	62	58	61	64	67	67	65	60.1
MAYFIELD 2 S	MAX	88	79	88	91	91	90	93	96	98	98	93	98		85	90	96	93	94	98	100	96	95	97	97	96	93	95	93	91	98	93.4
	MIN	70	55	56	62	65	69	63	74	73	75	74	69		65	65	75	67	67	70	76	76	66	72	69	74	69	67	71	73	72	68.9
MAYSVILLE OAM 33	MAX	91	71	76	80	88	90	82	80	92	94	87	80	87	82	72	81	84	82	82	88	94	95	88	91	92	91	89	89	84	90	85.7
	MIN	57	45	48	51	53	62	61	60	62	67	61	60	60	57	54	54	64	65	61	62	65	67	60	67	61	67	67	69	61	67	60.5
MIDDLESBORD	MAX	87	83	85	86	87	86	89	92	96	95	86	92	90	87	85	84	87	86	92	93	97	90	94	93	92	92	92	87	82	92	89.3
	MIN	62	47	45	48	52	64	63	63	66	68	65	59	62	64	57	66	71	61	60	65	67	62	64	64	62	64	66	68	70	68	62.1
MOUNT STERLING	MAX	87	80	84	89	91	83	82	92	96	91	90	91	86	77	85	82	86	83	91	96	97	91	94	95	91	92	92	85	91	96	88.9
	MIN	60	48	49	57	62	66	62	64	72	64	65	59	64	59	52	62	65	61	60	65	72	65	62	67	64	68	66	69	67	67	62.8
MURRAY	MAX	87	80	88	92	93	89	93	97	100	100	95	99	100	85	90	98	93	92	99	101	95	95	97	97	97	91	94	90	88	100	93.8
	MIN	68	57	53	58	61	67	63	73	75	74	74	67	68	67	66	76	68	65	69	69	75	64	71	71	72	72	68	73	73	71	68.3
OWENSBORO 2 W	MAX	82	84	87	89	93	92	92	96	98	98	97	99	90	90	90	97	92	93	99	102	98	98	97	98	97	88	96	87	96	98	93.8
	MIN	64	53	54	58	66	70	62	71	74	75	68	65	70	68	60	74	68	63	67	74	76	64	66	67	72	68	72	71	71	72	67.4
PADUCAH CAA AIRPORT	MAX	87	80	88	90	92	90	91	94	97	98	93	98	96	86	90	97	90	93	97	99	92	94	95	97	93	81	95	90	90	95	92.3
	MIN	63	55	55	63	69	67	65	76	76	76	76	74	67	68	65	75	68	66	70	79	68	64	74	72	77	69	68	75	75	73	69.6
PADUCAH	MAX	94	85	81	89	92	93	92	89	95	98	97	93	98	96	87	89	95	89	91	98	100	92	90	95	98	95	84	94	90	90	92.3
	MIN	71	57	54	61	66	70	64	68	74	75	74	73	71	64	65	66	68	68	70	74	75	66	70	75	76	75	68	72	72	69	69.0
PIKEVILLE	MAX	81	82	85	92	94	88	90	94	98	94	87	91	85	77	88	83	87	83	92	95	98	91	94	94	94	93	93	87	84	95	89.6
	MIN	61	49	50	51	54	61	64	65	68	67	66	61	64	64	58	64	71	67	64	69	70	67	65	66	64	67	70	71	71	71	64.0
PRINCETON	MAX	89	84	90	92	94	91	94	95	98	96	95	98	94	86	90	96	91	93	98	100	98	98	96	98	97	89	96	88	94	97	93.8
	MIN	69	54	50	54	59	65	60	69	70	76	71	66	66	65	60	75	65	64	66	72	71	63	64	67	70	69	70	69	71	67	66.0
RICHMOND E STATE COL	MAX	95	79	78	81	87	88	88	87	90	93	90	81	88	85	75	82	84	85	80	88	94	94	86	90	92	89	90	89	86	83	86.6
	MIN	59	51	47	48	52	64	64	65	69	72	63	61	66	64	54	57	67	62	60	65	75	65	63	68	66	69	68	70	69	70	63.1
RUSSELLVILLE	MAX	88	82	89	90	91	89	91	96	100	98	93	98	94	85	92	94	91	91	100	102	97	94	97	97	97	88	93	90	91	94	93.1
	MIN	67	52	49	56	64	68	59	65	71	73	70	63	61	67	59	71	67	61	62	70	72	65	66	73	72	70	68	71	71	69	65.7
ST JOHN BETHLEHEM ACAD	MAX	92	79	89	90	88	88	85	90	92	97	91	88	95	87	83	88	90	91	89	95	98	94	97	96	94	94	92	92	87	93	90.8
	MIN	63	52	53	60	62	70	63	70	74	73	68	68	65	69	56	63	68	61	65	70	72	70	66	69	73	74	71	71	71	70	66.7
SCOTTSVILLE	MAX	86	81	87	89	90	85	90	96	98	95	89	95	93	85	91	90	87	86	95	98	95	93	95	95	95	92	91	85	88	94	91.0
	MIN	67	51	50	60	63	66	64	70	74	76	68	61	68	65	57	66	67	61	64	68	73	67	65	72	72	71	70	71	71	69	66.2
SHELBYVILLE 2 W	MAX	84	83	87	88	88	84	86	93	93	88	84	92	85	81	86	88	85	87	95	99	95	94	98	95	94	90	95	84	92	95	89.6
	MIN	59	50	50	57	61	67	60	67	72	67	65	62	65	60	53	64	66	59	63	67	74	65	64	69	68	72	67	70	70	69	64.1
SOMERSET 1 N	MAX	80	78	84	86	87	84	86	91	94	91	82	87	84	79	85	83	86	82	90	94	94	87	90	92	89	88	89	82	81	90	86.5
	MIN	59	51	47	52	56	61	64	64	72	65	63	60	58	65	52	66	70	59	65	65	70	64	60	67	64	67	66	69	69	68	62.4
SUMMER SHADE	MAX	89	83	90	89	90	87	91	95	98	94	85	95	91	84	91	90	88	87	96	100	97	95	95	96	96	91	93	87	86	96	91.5
	MIN	56	52	58	57	60	64	63	68	74	70	67	60	65	66	56	69	68	60	62	66	70	67	70	69	72	69	69	71	70	68	65.2
VANCEBURG DAM 32	MAX	81	79	82	90	90	86	80	93	95	82	83	90	85	75	83	86	83	85	90	98	97	91	93	92	93	93	92	84	92	98	88.0
	MIN	57	47	48	53	60	64	62	61	70	65	63	59	66	58	55	60	67	66	63	65	69	65	60	66	64	67	62	70	65	68	62.2
WEST LIBERTY WATER WKS	MAX	92	80	82	88	87	89	90	90	93	94	85	86	85	85	76	85	82	85	85	90	92	96	95	93	94	92	92	90	89	89	88.4
	MIN	50	42	43	48	48	52	63	64	65	60	60	62	61	59	58	53	67	66	59	61	62	65	62	62	60	62	60	64	66	68	59.1
WILLIAMSBURG	MAX																															
	MIN																															
WILLIAMSTOWN	MAX	90	77	79	81	87	88	84	85	93	93	86	83	90	85	81	83	85	83	83	94	98	91	92	93	91	94	91	86	89	94	87.6
	MIN	59	49	51	56	62	62	61	64	75	71	62	64	64	56	55	56	65	62	63	65	71	65	66	66	69	70	67	67	70	69	63.4
WOLF CREEK OAM	MAX	96	84	84	88	90	90	87	90	95	99	94	85	94	90	82	90	88	89	86	94	99	99	90	95	96	92	92	92	85	87	90.7
	MIN	71	60	54	55	60	63	66	66	71	72	68	64	66	68	59	60	70	62	62	65	68	68	64	64	64	70	71	71	71	71	65.5

# EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BURGIN DIX DAM	EVAP	.35	.18	.25	.21	.29	.24	.07	.3	.15	.23	.25	.11	.18	.23	.03	.1	.28	.13	.23	.19	.22	.26	.19	.27	.23	.23	.32	.04	.22	.30	.13	8.30
	WIND	22	16	9	7	5	29	3	2	14	11	8	2	8	1	.09	0	2	8	4	0	1	1	2	3	2	2	18	8	8	8	3	205
WOLF CREEK DAM	EVAP	.24	.85	.28	.27	.32	.29	.11	.20	.38	.29	.13	.27	.17	.41	.09	.23	.02	.32	.25	.25	.33	.57	.30	.32	.37	.28	.24	.39	.09	.38	8.87	
	WIND	15	105	36	19	35	31	10	43	25	18	23	43	31	84	10	4	51	20	20	10	15	33	9	28	28	37	25	23	2	8	818	

# MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1952 - 1953

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Normal July-June
ANCHORAGE	0	0	47	416	583	826	794	681	573	402	54	1	4377	
ASHLAND OAM 29	0	0	22	395	502	736	717	627	506	337	17	2	3821	
BARBoursVILLE	0	0	32	388	586	777	665	615	453	307	18			
BARSTOWN S J PREP SCH	0	0	44	388	540	728	705	623	490	341	37	0	3896	
BEAVER OAM	0	0	30	385	517	772	699	616	450	312	36	0	3817	
BEREA COLLEGE	0	0	35	407	540	762	679	645	491	372	25	1	3957	
BOWLING GREEN W8 AP	0	0	19	426	558	783	691	657	484	369	26	0	4013	
BURGIN DIX OAM	0	0	23	354	486	733	685	611	481	325	19	0	3717	
CAMPBELLVILLE	0	0	37	423	547	787	704	653	502	371	30	1	4055	
CARRDLTON LOCK 1	0	0	46	381	533	798		654	528	386	41	2		
CLERMONT 1 SSE	0	0	43	418	552	759	719	639	497	349	37	2	4015	
CORBIN CAA AIRPORT	2	1	69	478	642	817	687	682	514	395	34	1	4322	
COVINGTON W 8 AIRPORT	0	1	62	451	608	873	877	754	626	469	58	1	4780	
CYNTHIANA 2	0	3	53	430	559	806	779	709	556	400				
FARMERS	0	1	64	440	582	786	729	671	516	369	23	4	4185	
FOROS FERRY OAM 5D	0	0	29	326	479	753	727	603	432	303	48	0	3700	
GLASGOW WKAY										338	27	1		
GOLDEN POND 8 N										299	51	0		
GRAYSON	0	4	72	483	611	807	781	704	552	369		2		
GREENVILLE 2 W	0	0	43	381	537	769	696	615	460	334	51	0	3886	
HEIDELBERG LOCK 14	0	0	47	431	556	744	685	638	470	322	20	1	3914	
HENDERSON 4 SW	0	0	37	344	507	766	766	626	461	344	51	0	3902	
INEZ	0	1	38	434	595	820	771			244	52	4		
IRVINGTON	0	0	36	375	519	781	726	629	488	348	36	0	3938	
LEITCHFIELD	0	0	21	388	520	768	712	616	469	326	33	0	3853	
LEXINGTON W8 AIRPORT	0	1	35	436	566	819	777	713	562	425	41	1	4376	5008
LDUISVILLE W8 AP	0	0	31	411	538	791	764	664	529	366	34	0	4128	4468
LDUISVILLE W8 CITY	0	0	15	356	502	767	756	633	492	338	31	0	3890	4310
LOVELACEVILLE	0	0	27	336	522	751	711	609	390	301	57	0	3704	
MADISONVILLE 1 SE	0	0	36	341	490	736	684	599	425	297	40	0	3648	
MAHMOOTH CAVE PARK	0	0	29	379	511	758	666	614	440	325	24	1	3747	
MANCHESTER 4 SE	0	2	41	453	631	787	670	632	459	359	20	3	4057	
MAYFIELD 2 S	0	0	24	323	510	740	699	596	398	317	56	0	3663	
MIDDLEBORO	0	0	38	395	584	762	674	608	426	288	15	0	3790	
MOUNT STERLING	0	2	38	381	600	783	744	680	511	362	22	1	4124	
MURRAY	0	0	25	312	496	705	647	569	371	285	46	0	3456	
OWENSBORO 2 W	0	0	27	354	544	789	757	625	465	335	42	0	3938	
PAQUAM CAA AIRPORT	0	0	22	380	548	780	767	644	460	345	62	0	4008	
PIKEVILLE	0	0	3	342	519	711	642	578	381	261	12	0	3449	
PRINCETON	0	0	30	400	581	796	731	649	463	333	65	0	4048	
RUSSELLVILLE	0	0	33	377	515	748	654	612	397	298	39	0	3673	
SCOTTSVILLE	0	0	32	384	522	718	624	580	400	303	23	0	3586	
SHELBYVILLE 2 W	0	0	35	404	565	819	767	665	549	386	37	0	4227	
SOMERSET 1 N	1	0	39	445	569	780	676	659	477	342	21	0	4009	
SUMMER SHADE	0	0	52	457	606	827	665	640	481	337	22	0	4087	
VANCEBURG DAM 32	0	3	67	411	554	785	783	676	548	362	22	2	4213	
WILLIAMSBURG	0	0	31	378	559	723	644		444					
WILLIAMSTOWN	0	4	47	377	564	841	828	705	570	400	39	2	4377	

DEGREE DAY NORMALS IN THIS TABLE ARE DERIVED FROM THE PERIOD 1921-1950



## STATION INDEX

KENTUCKY  
JUNE 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
AGOSION DAM #3	0031	ADAMS	1	37 33	86 34	380	6A		CORPS OF ENGINEERS	3	LITTLE NICKAMAM LOCK 8	4823	JESSAMINE	4	37 45	84 35	560	7A		CORPS OF ENGINEERS	3
ADOLPHUS 1 N	0043	ALLEN	3	36 39	86 16	950	7A		IOELL M. DEARING	3	LOCKPORT LOCK 2	4827	HENRY	4	38 26	84 38	485	6A		CORPS OF ENGINEERS	3
ALBANY	0063	CLINTON	2	36 41	83 08	600	7A		MRS. BARBARA M. COOL	3	LOCKPORT LOCK 3	4832	CLAY	4	37 51	84 02	—	10A		MRS. N. BURGER	3
ALLEN FLOYD	02 43	—	—	—	—	—	—	—	—	—	LOUISA 3 SW	4835	LAUREL	4	37 56	84 08	—	10A		U.S. FOREST SERVICE	3
ANCHORAGE	0153	JEFFERSON	7	37 16	85 35	700	7P		E. C. BARRETT	2 3 5	LOUISA	4835	LAUREL	4	37 56	84 08	—	10A		U.S. FOREST SERVICE	3
ANCHORAGE	0246	PIKE	1	37 16	82 26	1100	8A		MARY S. RATLIFF	3	LOUISA 2	4948	LAUREL	4	37 07	82 37	384	7A		FRED PERRY	3
ASHLAND A.M. 29	0234	BOYD	7	37 27	82 36	394	6P		CORPS OF ENGINEERS	2 3 5 7	LOUISVILLE BONHAM FLD	4951	JEFFERSON	7	38 13	83 40	338	10A		CORPS OF ENGINEERS	3
BARDOLVILLE	0581	KNOX	2	36 32	83 35	1000	6P		UNION COLLEGE	2 3 5 7	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	83 44	485	10A		U.S. WEATHER BUREAU	2 3 5 7
BARDOLVILLE S.J. PREP SCH	0597	NELSON	8	37 40	83 28	637	6P		ST. JOSEPH PREP SCH	2 3 5	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 11	85 48	405	8A		CORPS OF ENGINEERS	3
BAXTER	0430	HANLAN	2	36 31	83 20	1164	7A		C. HONER NOLAN	2 3 5	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 13	83 48	457	10A		U.S. WEATHER BUREAU	2 3 5 7
BEAVER DAM	0490	ONEIDA	3	37 23	86 52	441	6P		E. G. YOUNG	2 3 5 7	LOVELACEVILLE	4967	BARRETT	6	36 38	88 50	570	6P		BLAINE MALONE	2 3 5
BENHAM	0593	HARLAN	2	36 38	87 52	1580	8A		C. C. WHITEKIRK	2 3 5 7	LUCAS	3002	BARRETT	6	36 33	86 02	—	10A		WILLARD E. FOSTER	2 3 5 7
BENTON	0611	MARSHALL	1	36 51	86 20	—	10A		JAMES H. MILLER	2 3 5 7	MAIDSONVILLE 1 SE	3067	HOPKINS	3	37 19	87 29	435	3P		HONER WELBORN, JR.	2 3 5 7
BERRY COLLEGE	0613	MADISON	2	36 47	83 22	600	7A		JAMES A. GROSSMAN	2 3 5 7	MANHATTAN CAVE PARK	5007	EDMONSON	3	37 11	86 06	800	3P		NATIONAL PARK SVC	2 3 5 7
BERRY WATER WORKS	0624	MADISON	4	37 34	84 18	1100	6P		MRS. L. B. GAFFARD	3	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	830	6P		MRS. S. WHITE	2 3 5
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	7A		JAMES R. EDWARDS	3	MAYFIELD SUBSTATION	3230	GRAVES	6	36 44	88 39	364	6P		TA-VA-5-A	2 3 5
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470	7A		TA-VA-639	2 3 5 7	MAYFIELD 2 S	3232	GRAVES	6	36 42	88 38	364	6P		MRS. JOE PAYNE	2 3 5
BOWLING GREEN CAA AP	0909	WARREN	3	36 38	86 26	535	10A		CIVIL AERO ADM.	2 3 5 7	MAYFIELD DAM 35	3233	MASON	7	38 38	83 42	524	5A		CORPS OF ENGINEERS	2 3 5 7
BRENT OAM 36	0978	CAMPBELL	7	39 03	84 25	489	7A		CORPS OF ENGINEERS	2 3 5	MC KEE 1 SE	3234	JACKSON	9	37 26	89 39	830	3P		EDWARD C. GIFFORD	2 3 5 7
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 13	—	—		3P JINSON SKAGGS	3	MC KINNEYSBURG	3301	PENDLETON	3	38 36	84 16	—	10A		EDWARD C. GIFFORD	2 3 5 7
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1638	8A		EDWIN E. JOHNSON	3	MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	3P		LOAN L. HERRELL	2 3 5 7
BURGIN OIA OAM	1127	MERCER	4	36 48	84 43	770	AP		G. W. WILLIAMS	2 3 5 7	MIDDLEBORO RR STA	5394	BELL	2	36 37	83 43	1130	3P		LOAN L. HERRELL	2 3 5 7
BURNSIDE	1156	PULASKI	2	36 39	84 37	705	7A		W. MARVIN M. LEE	3	MIDWAY	5407	WOODFORD	3	38 09	84 41	930	3P		FRED CARTMILL	2 3 5 7
CAOZ LOCK E	1206	TRIGG	2	36 46	87 38	424	7A		THOMAS A. LEWIS	3	MILLERSBURG	5430	BOURBON	3	38 10	84 09	—	10A		DAVID C. FRAYER	2 3 5 7
CAMPBELLVILLE	1256	TAYLOR	3	37 20	83 21	777	6P		ALVA MC KINLEY	2 3 5	MILLERSBURG	5438	GRAYSON	3	37 27	86 03	930	3P		MRS. O. M. LAWLER	2 3 5 7
CARROLLTON LOCK 1	1343	CARROLL	4	36 41	83 31	480	6P		CORPS OF ENGINEERS	2 3 5 7	MONTICELLO	5324	WAYNE	2	36 30	84 31	910	7A		D. COOPER	2 3 5 7
CENTRAL CITY	1373	CLAY	3	37 17	87 07	—	—		MID JAMES PRICE	2 3 5 7	MOREHEAD STATE COLLEGE	5393	ROWAN	5	38 11	83 26	770	10A		C. BAGGAN	2 3 5 7
CLERMONT 1 S3E	1611	BULLITT	4	36 55	85 40	474	3P		BERNHEIM FOUNDATION	2 3 5 7	MOUNT STERLING	5640	MONTGOMERY	3	37 16	83 35	600	7A		HUBERT E. NODGES	2 3 5 7
CLINTON	1631	HICMAN	6	36 41	89 00	570	10A		WOODSON O. FRANKLIN	3	MURRAY	5694	CALLOWAY	9	36 36	88 20	600	6P		MURRAY WATER SYSTEM	2 3 5 7
COLLEGE HILL LOCK 11	1704	MADISON	2	37 47	84 06	—	—		CORPS OF ENGINEERS	3	OLIVE HILL 1 NW	6110	CLAY	7	38 18	83 11	732	10A		LOTTA ORA HOOPER	2 3 5 7
COLUMBIA	1722	CLAY	3	37 06	83 18	729	7A		MRS. WAZEL B. PICKETT	2 3 5 7	OLNEY	6020	HOPKINS	7	37 14	87 47	480	6A		ART D. WILLIAMS	2 3 5 7
CORBIN CAA AIRPORT	1801	WHITLEY	3	36 38	84 08	1170	10A		CIVIL AERO ADM.	2 3 5 7	ONICONTA DAM 35	6033	CAMPBELL	7	38 38	84 18	497	6A		CORPS OF ENGINEERS	2 3 5 7
COVINGTON WB AIRPORT	1855	BOONE	7	39 04	84 40	869	10A		U.S. WEATHER BUREAU	2 3 5 7	OWENSBORO 2 W	6091	DAVIESS	7	37 46	87 09	320	7A		VIRGIL O. CLARK	2 3 5 7
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 30	84 19	—	—		SP KEY DEPT OF CONSL.	3	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 08	404	7A		CORPS OF ENGINEERS	2 3 5 7
CYNTHIANA 1 NNE	2040	BOYLE	4	37 39	84 46	953	7A		R. P. COLOIRON	2 3 5 7	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	410	10A		CIVIL AERO ADM.	2 3 5 7
DAVELLA	2055	MARTIN	1	37 48	82 32	—	—		MID BERTHA DE LONG	3	PADUCAH CRACKEN	6113	CRACKEN	7	37 06	88 57	340	6A		WESTERN P. LACKY	2 3 5 7
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1700	5P		RALPH R. BEALL	3	PADUCAH ARMY	6117	MC CRACKEN	7	37 09	88 35	344	10A		CITY OF PADUCAH	2 3 5 7
DENY DAM	2139	KNOTT	1	37 23	82 48	850	3P		MATTIE B. BARRETT	3	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A		JESSE FAIRCULO	2 3 5 7
DENEY DAM	2180	FLOYD	2	37 43	82 47	870	6A		CORPS OF ENGINEERS	2 3 5 7	PIKEVILLE	6333	PIKE	1	37 29	82 31	686	5P		U.S. WEATHER BUREAU	2 3 5 7
DUNN BARRETT'S FORD BR	2358	ONIO	3	37 33	86 43	450	610		J. L. HUFF	3	PIKEVILLE	6384	BELL	2	36 43	83 42	999	7A		F. PARTIN	2 3 5 7
DUNN BARRETT'S FORD BR	2366	MULLENBERG	3	37 03	87 00	610	7A		N. D. GIVENS	3	PIKEVILLE	6384	BELL	2	36 43	83 42	999	7A		F. PARTIN	2 3 5 7
DUNN BARRETT'S FORD BR	2374	CASEY	5	37 13	84 38	—	—		L. L. TARTER	3	PIKEVILLE	6384	BELL	2	36 43	83 42	999	7A		F. PARTIN	2 3 5 7
EDDYVILLE LOCK F	2391	BRECKENRIDGE	—	37 43	86 13	—	—		MID LENA BLAIR	3	PIKEVILLE	6384	BELL	2	36 43	83 42	999	7A		F. PARTIN	2 3 5 7
EDMONSON	2445	LITON	3	37 03	88 03	420	7A		CORPS OF ENGINEERS	3	RUSSELLVILLE	7049	LOGAN	3	36 51	86 39	376	7A		WM. B. PORTER	2 3 5 7
EDMONSON CITY	2469	METCALFE	3	37 00	83 37	—	—		J. H. MORAN	3	RUSSELLVILLE SUBSTA	7054	SCOTT	4	36 23	84 34	—	10A		ROY MARSHALL	2 3 5 7
FAIRMOUTH	2528	PIKE	1	37 18	82 21	792	7A		JOHN E. FARMER	3	SADIEVILLE 2 SW	7074	SCOTT	4	36 23	84 34	—	10A		ROY MARSHALL	2 3 5 7
FARMERS	2791	ROWAN	5	38 09	83 35	668	6P		MRS. C. C. STAMPER	2 3 5 7	ST JOHN BETHLEHEM ACAD	7081	MARDIN	8	37 42	83 59	777	7A		SISTER M. MELITINA	2 3 5 7
FLEMINGSBURG	2903	FLEMING	3	38 25	83 43	870	7A		BYRON F. FLEMING	3	ST MARY	7095	MARION	3	37 37	87 32	360	10A		ST MARY COLLEGE	2 3 5 7
FLEMINGSBURG P. O.	2908	FLEMING	3	38 25	83 44	790	610		MAURICE B. CARPENTER	2 3 5 7	SALVIA LOCK 6	7121	MERCER	4	37 36	84 49	320	7A		CORPS OF ENGINEERS	2 3 5 7
FORD LOCK 10	3023	PIKE	1	37 57	83 39	506	6A		CORPS OF ENGINEERS	2 3 5 7	SALVIA LOCK 6	7129	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
FORDS FERRY OAM 50	2961	CRITTENDEN	7	37 28	88 06	336	6P		CORPS OF ENGINEERS	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
FRANKFORD LOCK 4	3028	FRANKLIN	4	38 13	84 52	504	8A		CORPS OF ENGINEERS	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
FRANKLIN WATER WORKS	3036	SIMPSON	3	38 43	86 54	691	7A		NERMAN O. NEAL	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
FREEDBURG	3046	PIKE	1	37 54	82 08	727	8A		JOHN E. TANNER	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
FRENCHBURG	3131	MENFEE	5	37 57	83 39	506	7A		FRENCHBURG SCHOOL	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	880	6A		JOE W. ATKINS	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GEST LOCK 3	3205	HENRY	4	38 25	84 53	490	7A		CORPS OF ENGINEERS	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GLASGOW	3241	BARREN	5	37 00	83 55	780	7A		ENILY M. BEAN	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GLENDALE	3232	HARDIN	5	37 16	85 55	700	7A		DAVID W. BELL	3	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GRANT DAM 38	3358	BOONE	7	38 39	84 49	593	6P		SHIRLEY I. STATEN	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GRAYSON	3391	CARTER	7	37 48	87 37	589	5P		SHIRLEY I. STATEN	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GREENSBURG	3430	GREEN	3	37 15	85 30	638	7A		MRS. MELL M. LINGLE	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GREENSBURG NIMAY 61 BR	3433	GREENUP	3	37 15	85 30	600	7A		MRS. ADA L. CIX	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45	83 05	—	10A		STANLEY GARDNER	2 3 5 7
GREENUP DAM 30	3434	GREENUP	3	37 15	85 30	600	7A		CORPS OF ENGINEERS	2 3 5 7	SALVIA LOCK 6	7134	MAGOFFIN	5	37 45</						



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NAT. HIST.

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

P 10 1953

THE DEPARTMENT OF COMMERCE  
SEP 8 1953  
UNIVERSITY OF ILLINOIS

JULY 1953

Volume XLVIII No. 7



NAT  
HIST

O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Weather conditions during the month were not far from normal. The mean temperature was less than 1/2 degree above normal and the precipitation was less than 1/2 inch below normal. There were no unusual temperature extremes and daily departures as a rule were not large. While precipitation was recorded from one section or another in more than one half of the month, the State as a whole showed the normal amount of days with measurable rain. There were a few summer-type storms but the resulting damage was not excessive and much less than in the previous two months. A flash flood on three creeks in the eastern part of Pike County on the 6th claimed one life and caused crop and road damage. Crop prospects generally improved during the month or remained the same as in the previous month depending upon the rainfall received.

Each division in the State showed both plus and minus departures from the normal in temperature for the individual stations. The month opened rather warm and humid with this condition prevailing during the first seven days. Many locations recorded their maximum temperature for the month during this period. On the 8th a large mass of cooler air moving southward from Canada overspread the State. The eastward movement of this cooler and drier air mass was quite slow, and, as a result, temperatures continued rather cool through the 14th. Record or near-record low minimums were recorded by many stations on the mornings of the 10th and 11th. The temperatures reported on these mornings were the lowest during the month at practically all stations. From the 15th through the 28th, daily readings were very near the normals, varying from 1° to 3° above or below the normal. On the 29th, temperatures began rising and continued warm to the end of the month. Those stations which did not record their highest temperature for the month during the first week did so on either of the last 2 days. The mean temperature for the State was 77.2° which is 0.2° above normal. The monthly mean temperatures ranged from 80.6° at Owensboro 2 W to 73.7° at Corbin CAA Airport. The highest temperature reported in the State was 102° at Murray on the 6th, 30th, and 31st; the lowest was 47° at

four stations on the 11th.

Precipitation, consisting of showers and thundershowers, was unequally distributed as to amount and location. Rainfall was recorded on 19 days at one station or another, yet the State average number of days with measurable rain was 9. This is exactly the normal for the month. Roughly, the area receiving the largest amounts was the extreme northern counties with falls between 6 and 8 inches. The least rainfall was in the group of counties around Green County where amounts between 1 and 3 inches were recorded. During the first week, scattered thundershowers were recorded in some section of the State each day. Amounts varied widely in short distances with the lightest totals in western counties, and heavier amounts in the north-central and east. The next two days also saw some scattered showers principally in central and eastern counties, although the western third did receive some too. The next 6 days were completely dry or showed insignificant amounts. From the 17th through the 23rd, scattered showers were again a daily event. It was this period that was most favorable as far as rainfall is concerned since all areas of the State were benefitted. From the 24th to the end of the month, dry weather again prevailed. The average precipitation for the State was 3.74 inches which is 0.40 inch below normal. The total amounts recorded at the various locations ranged from 7.79 inches at Covington WB Airport to 1.48 inches at Greensburg Highway 61 BR. The heaviest rainfall in any one day was 3.47 inches at Covington WB Airport reported on the 3rd.

Good rains the third week of the month followed by showers in the early part of the fourth week came in the "nick of time" to save the corn and soybean crops in the western half of the State. In that area, pastures were temporarily revived, but conditions were still below average. Most of the eastern half of the State fared better as to rainfall and the outlook there remained good. Stands of tobacco in parts of the western half of the State were irregular, but are generally good elsewhere. A few scattered early crops of burley have been cut. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
JULY 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	SSE	13	7.3	-	-	-	80	81	53	61	2	3	2	3	1	0	11	-	4.6
LOUISVILLE WB AP	SSE	12	5.5	42	SW	2	82	84	49	55	0	3	3	2	2	0	10	79	4.2

# COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	75.1	98	50	5.62	-	-	1914	78.8	109	43	3.20	0	6	1939	76.5	102	50	4.83	0	9
1890	73.0	101	44	2.66	-	-	1915	75.7	102	49	5.30	0	11	1940	75.5	102	46	2.68	0	7
1891	74.0	91	47	4.08	-	-	1916	78.6	102	52	4.17	0	9	1941	76.5	106	51	5.71	0	9
1892	76.5	100	48	3.30	-	-	1917	75.3	100	50	4.38	0	11	1942	78.1	101	48	4.71	0	9
1893	78.8	101	50	3.48	-	-	1918	73.8	103	46	3.28	0	8	1943	77.8	102	48	4.21	0	9
1894	76.2	105	43	2.03	-	-	1919	79.5	104	50	2.10	0	5	1944	77.5	103	45	1.93	0	6
1895	75.2	99	49	5.75	-	9	1920	75.2	99	44	3.83	0	9	1945	75.2	104	46	3.33	0	8
1896	77.4	103	47	7.44	0	11	1921	81.1	106	52	2.65	0	7	1946	76.1	100	45	4.23	0	9
1897	77.8	107	50	4.79	0	10	1922	76.4	102	47	4.77	0	9	1947	71.6	102	40	3.84	0	10
1898	77.8	102	48	4.71	0	11	1923	76.8	99	44	3.59	0	8	1948	77.1	103	46	5.04	0	12
1899	77.3	100	47	3.78	0	9	1924	73.7	99	45	3.63	0	8	1949	79.5	100	55	4.09	0	10
1900	77.9	101	50	4.91	0	11	1925	76.7	105	46	3.93	0	9	1950	73.4	93	40	6.66	0	14
1901	81.7	112	48	1.72	0	5	1926	77.6	107	43	4.36	0	9	1951	76.9	100	45	2.85	T	8
1902	78.1	107	48	1.91	0	6	1927	75.7	101	45	3.71	0	9	1952	79.4	110	47	2.59	T	7
1903	77.5	104	49	3.53	0	8	1928	77.0	100	50	4.07	0	8	1953	77.2	102	47	3.74	T	9
1904	75.2	99	46	3.40	0	10	1929	76.7	101	46	3.97	0	9							
1905	75.9	102	52	5.93	0	13	1930	80.5	114	45	1.25	0	5							
1906	75.2	100	51	6.02	0	11	1931	79.9	104	51	3.85	0	8							
1907	78.1	102	40	4.70	0	9	1932	78.5	103	49	4.31	0	8							
1908	76.9	100	50	3.94	0	10	1933	77.0	106	47	6.05	0	10							
1909	74.8	99	48	6.01	0	11	1934	81.2	110	57	4.36	0	10							
1910	76.2	96	51	8.63	0	16	1935	78.8	103	55	5.16	0	10							
1911	75.8	105	42	2.28	0	7	1936	81.4	113	46	3.78	0	10							
1912	76.8	100	53	5.50	0	12	1937	75.6	102	41	3.04	0	7							
1913	79.9	109	48	2.54	0	7	1938	77.2	100	52	7.27	0	11							

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.



## CLIMATOLOGICAL DATA

KENTUCKY  
JULY 1953

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										50° or Above	32° or Below	32° or Below	0° or Below										
WESTERN DIVISION																							
BEAVER DAM	91.4	66.1	78.8	.7	98	29+	53	11	0	21	0	0	0	3.74	-.08	1.31	17	.0	0		9	2	2
FORDS FERRY DAM 50	91.6	68.7	80.2	—	100	30	56	12	0	22	0	0	0	2.53	-.22	1.01	8	.0	0		9	2	1
GOLDEN POND 8 N	94.2	66.3	80.3		101	2+	51	11	0	25	0	0	0	1.49		.81	21	.0	0		5	1	0
GREENVILLE 2 W	91.2	65.3	78.3	.5	98	2	53	11+	0	20	0	0	0	5.42	-1.62	2.46	3	.0	0		7	4	1
HENDERSON 4 SW	91.4	66.9	79.2	-.3	98	6+	54	11	0	21	0	0	0	3.00	-.21	1.40	21	.0	0		6	3	1
HICKMAN 1 E	92.6	67.5	80.1		100	2+	51	11	24	0	0	0	0	2.16		.65	17	.0	0		7	1	0
HOPKINSVILLE	92.8	67.0	79.9	.8	101	3	57	10	22	0	0	0	0	3.07	-.78	1.33	4	.0	0		9	2	1
LOVELACEVILLE	92.5	67.3	79.9	.3	100	31	55	11	0	21	0	0	0	2.50	-.17	1.10	17	.0	0		6	2	1
MAOTSONVILLE 1 SE	90.6	66.9	78.8		97	30	53	11+	0	18	0	0	0	3.73		1.65	21	.0	0		8	3	1
MAYFIELD 2 S	92.0	67.9	80.0	.9	100	1	58	10+	0	22	0	0	0	4.44	.56	1.40	21	.0	0		8	5	1
MURRAY	93.6	67.2	80.4	1.1	102	6+	52	11	0	24	0	0	0	1.79	-1.47	.32	17	.0	0		10	0	0
OWENSBORO 2 W	93.3	67.8	80.6	2.7	100	30+	58	10+	0	25	0	0	0	1.86	-1.44	.57	17	.0	0		7	2	0
PADUCAH CAA AIRPORT	91.5	69.3	80.4		98	2+	54	11	0	18	0	0	0	3.53		1.46	21	.0	0		7	2	1
PADUCAH	92.0	68.1	80.1	-.3	101	31	56	11	23	0	0	0	0	1.61	-1.82	.70	17	.0	0		6	1	0
PRINCETON	93.6	64.6	79.1	.5	100	2	53	12	0	24	0	0	0	3.39	-.08	2.75	3	.0	0		3	1	1
RUSSELLVILLE	91.5	65.5	78.5	.3	100	2	51	11	0	19	0	0	0	5.63	1.35	2.65	4	.0	0		9	3	2
DIVISION														3.12				.0					
CENTRAL DIVISION																							
ANCHORAGE	88.4	63.5	76.0	-.2	98	31	51	11	0	13	0	0	0	4.42	.24	1.55	17	.0	0		9	4	2
BAROSTOWN S J PREP SCH	90.6	63.7	77.2		100	29	50	11	0	18	0	0	0	4.48		1.73	17	.0	0		8	4	2
BOWLING GREEN CAA AP	90.5	66.7	78.6	1.3	99	30	54	11	0	17	0	0	0	5.87	1.69	2.03	6	.0	0		9	4	3
BURGIN OIX DAM	90.0	64.9	77.5	-.6	98	30+	52	11	0	16	0	0	0	4.48	.32	1.66	7	.0	0		6	4	2
CAMPBELLSVILLE	89.8	62.1	76.0		97	31	48	11	0	17	0	0	0	3.23		.89	22	.0	0		12	2	0
CARROLLTON LOCK 1	89.3	64.0	76.7		100	2	52	11	0	15	0	0	0	2.76	-.72	1.13	18	.0	0		4	3	1
CLERMONT 1 SSE	90.8	61.9	76.4		99	31	47	11	0	19	0	0	0	3.37		1.25	17	.0	0		7	3	1
COVINGTON W 8 AIRPORT	88.0	64.0	76.0	.9	97	31	52	11	0	12	0	0	0	7.79	4.04	3.47	5	T	0		8	5	3
OANVILLE	88.3	64.7	76.5	.8	95	1+	53	11	12	0	0	0	0	4.37	-.04	1.27	19	.0	0		12	3	1
FRANKFORT LOCK 4	90.7	62.9	76.8	-.4	99	1+	52	11+	18	0	0	0	0	3.13	-.96	1.42	18	.0	0		6	3	1
GLASGOW WKAY	89.2	66.2	77.7		96	1	55	11	0	14	0	0	0	4.75		1.64	17	.0	0		11	4	2
GREENSBURG	89.8	64.7	77.3	.4	98	30	50	11	17	0	0	0	0	2.90	-1.19	1.30	22	.0	0		8	1	1
IRVINGTON	89.5	66.0	77.8	.1	98	30+	54	11+	0	15	0	0	0	4.57	1.49	2.39	17	.0	0		9	2	1
LEITCHFIELD	90.0	66.0	78.0	.7	98	31	55	11+	0	17	0	0	0	2.91	-.81	1.07	17	.0	0		9	3	1
LEXINGTON WB AIRPORT	88.0	66.6	77.3	1.6	98	31	55	11	0	12	0	0	0	3.67	-.58	1.01	22	T	0		9	4	1
LOUISVILLE WB AP	90.5	67.1	78.8	.9	98	2+	56	11	0	19	0	0	0	5.40	2.32	1.60	17	.0	0		10	4	2
LOUISVILLE WB CITY	88.4	70.3	79.4	.8	97	2+	61	10+	0	12	0	0	0	4.83	1.76	1.13	17	.0	0		8	6	1
MAMMOTH CAVE PARK	90.5	63.6	77.1	.9	98	3+	47	11	0	18	0	0	0	1.66	-2.65	.93	17	.0	0		6	1	0
ST JOHN BETHLEHEM ACAO	89.1	66.0	77.6	1.0	97	30+	55	12	12	0	0	0	0	3.46	.03	.85	17	.0	0		10	3	0
SCOTTSVILLE	89.5	65.9	77.7		97	2+	51	11	0	15	0	0	0	4.05		1.63	18	.0	0		10	3	1
SHELBYVILLE 2 W	89.3	65.4	77.4	.5	98	30+	53	11	0	17	0	0	0	3.79	-.19	1.08	19	.0	0		8	3	1
SOMERSET 1 N	85.9	62.9	74.4		93	29+	50	11	1	10	0	0	0	3.93	.95	.7	7	.0	0		14	2	0
SUMMER SHADE	90.6	65.4	78.0		97	1	55	10+	0	19	0	0	0	5.59		2.33	18	.0	0		11	5	1
WILLIAMSTOWN	88.8	65.8	77.3	.5	96	1+	53	9	14	0	0	0	0	5.58	1.80	2.00	21	.0	0		7	4	2
WOLF CREEK DAM	89.0	65.5	77.3		98	30	55	11+	16	0	0	0	0	3.30		.63	18	.0	0		13	4	0
DIVISION														4.17				T					
EASTERN DIVISION																							
ASHLAND DAM 29	88.9	65.3	77.1	.4	99	29	54	11	0	12	0	0	0	1.90	-2.28	1.07	6	.0	0		5	1	1
BARBOURVILLE	89.4	61.1	75.3		95	28+	48	11	0	15	0	0	0	2.80		1.55	3	.0	0		10	1	1
BAXTER	86.7	62.9	74.8		93	30	52	11	8	0	0	0	0	3.20		.95	31	.0	0		11	3	0
BENHAM	88.9	60.1	74.5		96	2	47	11	16	0	0	0	0	5.56		2.48	4	T	0		12	3	2
BEREA COLLEGE	87.7	64.6	76.2	-.2	97	30	51	11	0	14	0	0	0	2.67	-2.06	.50	6	.0	0		9	1	0
CORBIN CAA AIRPORT	85.7	61.7	73.7		93	28+	49	11	2	8	0	0	0	3.27		1.24	3	.0	0		7	3	1
CYNTHIANA 1 NNE																							
FARMERS	91.0	61.7	76.4	1.1	99	30	47	11	1	21	0	0	0	2.38	-2.36	.88	7	.0	0		7	1	0
GRAYSON	89.2	63.0	76.1		98	29	51	11+	0	15	0	0	0	2.92		.75	6+	.0	0		6	2	0
HEIDELBERG LOCK 14	89.3	63.1	76.2	.0	99	30	51	11	0	14	0	0	0	3.99	-1.06	1.48	4	.0	0		7	4	1
HINDMAN SETTLEMENT SCH	88.7	61.3	75.0		97	31	49	11	17	0	0	0	0	5.06		1.49	4	.0	0		12	4	2
INE2	90.2	62.9	76.6		98	29+	51	11	0	18	0	0	0	3.19		.86	7	.0	0		9	4	0
MANCHESTER 4 SE	88.6	61.3	75.0		97	29	49	11	0	15	0	0	0	3.47		1.12	7	.0	0		7	2	1
MAYSVILLE DAM 33	86.7	62.2	74.5	-2.4	96	31	51	11	11	0	0	0	0	3.17	-1.28	1.25	23	.0	0		8	2	1
MIDDLESBORO	88.5	63.0	75.8	.3	94	6+	50	10+	0	12	0	0	0	3.95	-.89	1.17	19	.0	0		10	4	1
MOUNT STERLING	90.6	63.0	76.8	.4	100	31	51	11	0	21	0	0	0	3.15	-1.79	1.37	21	.0	0		8	3	1
PIKEVILLE	89.5	66.8	78.2	.6	97	29+	55	11	0	17	0	0	0	5.09	.49	1.71	6	.0	0		10	3	2
RICHMOND E STATE COL	86.9	64.8	75.9	-1.1	96	31	51	11	11	0	0	0	0	3.65	-.68	.97	7	.0	0		10	3	0
VANCEBURG DAM 32	88.9	63.0	76.0		98	30+	53	11	0	14	0	0	0	5.15	.78	2.10	19	T	0		8	4	2
WEST LIBERTY WATER WKS	89.7	59.9	74.8		98	31	48	10	20	0	0	0	0	2.78		.60	4	.0	0		7	2	0
WILLIAMSBURG	87.6	64.3	76.0	-1.1	95	6+	51	25	0	12	0	0	0	5.93	.89	1.50	3	T	0		14	6	2
DIVISION														3.66				T					
STATE														3.74	-.40			T					

# DAILY PRECIPITATION

KENTUCKY  
JULY 1953

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADOLSON OAM 45	2.82					.15	.20	.65										.85	.71				.06	.20								*		
ADOLPHUS 1 N	4.54				1.50	T		.05										.11	.34	.55	1.60		.10	.29								*		
ALBANY	4.40			.53	.40	.22		.06	.28	.30								.68	1.27	.08			.09	.49								*		
ANCHORAGE	3.11				.16		1.60	.12													.22	.05	1.01									*		
ANCHORAGE	4.42	.05			.06	.72	.75										T	1.55	.20												.03	*		
ASHCAMP	2.87		.20		.42		.22	.31		.30							.60			.13				.50						.19	*	*		
ASHLAND OAM 29	1.90		.31				1.07	T		.05								T		.07				.40								*		
BARBOURVILLE	2.80	.04	1.55	.01	.13		.30										.01	T	.06			.13								.10		.47	*	
BARSTOWN S J PREP SCH	4.48					.78	.07										.02	1.73	1.29	.01			.56	.02								*		
BAITER	3.20		.03	.55			.40	.02									.05	.03	.02	.68			.07	.40								.95	*	
BEAVER OAM	3.74	.21		.34	.46												1.02	1.31	.15			.05	.10									.10	*	
BENHAM	5.56		.43	2.48	.03	.12	1.13	.05	.01								.06		.16	.22			.37	.50									*	
BERRA COLLEGE	2.67	T	.18		.27	.43	.50	.32	.04									.20	.26				.47									*		
BERRA WATER WORKS	3.94				1.97	.37	.29											.11	.14	.17			.11	.78								*		
BOWLING GREEN	4.08	.31		.12	.05		.76	.04									1.72	.05	.47				.04	.05								.47	*	
BOWLING GREEN SURSTA	3.06		.25		.11	.12		.84	.05									1.31	T			T	.11	.27								*		
BOWLING GREEN CAA AP	5.87	.45	.11	T		2.03	.01										1.02	.67	.31		T	T	.19							1.08			*	
BRENT OAM 36	5.93		.08			.08	3.28	.94										.16	.45	.16			.39	.39									*	
BROWNSVILLE LOCK 6	2.09		.05		.21	.05	.45	.30										.98	.18	.10			.32									.20	*	
BURDINE 2 NE	-	-	-	-													T						.10	1.15								*		
BURGIN OIX OAM	4.48						.53	1.66										.43	T	1.05			.60	.21									*	
BURKESVILLE	3.31	T		.07	.23	T	.01	.13	.12	.02	T	T	T				.19	.55	.51	.19	T		.16	1.13	T	T						T	*	
CAOIZ LOCK E	2.06				.48			.21	.04									.59	.10		.20		.36	.08									*	
CAMPBELLVILLE	3.23	T	T		.29	.14	.36	.42	.03								.02	.61	.12	.89	.32		.50	T						.02	T	*		
CARROLLTON LOCK 1	2.76						.93	.20											1.13				.50	T									*	
CLERMONT 1 SSE	3.37				.18	.44	.25	.02									T	1.25	.61			T	.62										*	
COLLEGE HILL LOCK 11	2.10				.03		.13	.67		.30							T	.06	.13	.06			.14	.58									*	
COLUMBIA	4.78					.10	.12	2.49	.07	.57							T	.09	.25	.20			.39	.50									*	
CORBIN CAA AIRPORT	3.27		.94	1.24						.07							T	.15	.01	.18			.68										T	*
COVINGTON W R AIRPORT R	7.79	.04				3.47	1.14										.10	.84	1.01			.25	.04										*	
CUMBERLAND FALLS ST PK	4.04		.20	.90				.55									.38	.03	.30	.35	.30		1.00	.03									*	
CYNTHIANA	2.98							.52	.03									.83	1.23				.15	.22									*	
CYNTHIANA 1 NNE																																	*	
OANVILLE	4.37				.05	.57	.02	.46	.46		.01							.73	.02	1.27			.35	.42									.01	*
DELPHIA 1 E																																	*	
OEMA	5.43			.86			.10	.54											.83			.11	.63	.48							.36	1.52	*	
OWEY OAM	1.71		.05		.43		.17	.09		T									.02	.22			.73										*	
OUNOE BARRETT'S FORO BR	3.40				1.86	.10												1.05	.35				.04										*	
OUNOE	4.72				.95			.15									.09	3.07	.24	.18			.04										*	
OUNOE	4.23				.21			.85										.55	.24	1.26			.12	1.00									*	
EOOYVILLE LOCK F	2.59				1.13													.17	.20		.69	.10	.20									.10	*	
EDMONTON	3.18		.16			.20		.38	.05	.78							.10	.39	.25		T		.25	.62									*	
ELKHORN CITY	2.01	.01	.22	.61		.32	.26	T	.23								.05	.01	T	.05		.03	.22										*	
FALMOUTH	4.68		.18			.69	.37										.02	.46	1.56	T		.96	.44										*	
FARMERS	2.38		T	.01		.47	.88											.09	.42				.04	.47									*	
FLEMINGSBURG	3.21					.58	.22												.54	1.21			.31	.35									*	
FORD LOCK 10	2.00		T	T	T	.51	.31			.16							T	.06	.13	.09			.30	.44									*	
FORDS FERRY OAM 50	2.53					.14				1.01							.03	.10	.72	.08		.21	.13	.11									*	
FRANKFORT LOCK 4	3.13						.67	.71										.12	1.42			.09	.12										*	
FRANKLIN WATER WORKS	2.00				.71													.78	T		.41	T		.10									*	
FREEBURN	2.09					1.29													.07	.20			.32										*	
FRENCHBURG	3.11		.02			.68	.32		.52								.02		.07	.02			.56										*	
GEORGETOWN WATER WORKS	2.80					T	1.03	.53										.69	.15	.40													*	
GEST LOCK 3	3.72					.79	.24										.30	1.22	.85	.01		.05	.26										*	
GLASGOW	4.28		.06	.04	.12		1.15											.22	1.45	.92			.32										*	
GLASGOW WKAY	4.75	.09	.07	.03	.60	.24	.60										.02	1.64	1.04				.40										.02	*
GLENOALE																																		

# DAILY PRECIPITATION

KENTUCKY  
JULY 1953

Table 3--Continued

Stotion	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE SURSTA	5.40		.06		2.52	.25		T	.04							T		1.85	.10	T			.53	.05									
ST JOHN BETHLEHEM ACAD	3.46		.45		.40	.10	.08	.65										.85	.51	.05			.33	.04									
KALVISA LOCK R	2.07				T	T	.74	.85										.34	.07	.88			.09										
SALYERSVILLE 2	3.61				1.15		1.17	.20	.01	.01								.12	.17	.13			.05	.60									
SCOTTSVILLE	4.05		.69		.10	.10		.11										.31	.96	1.63			.04	.08									.03
SEBREE WATER WORKS	4.28				.42											.16	.09	1.44	.96			.97	.24										
SHAWNEE STEAM PLANT	2.23		.45													.23	.46	.19	.10			.30	.50										
SHELBYVILLE 2 W	3.79					.02	.66	.36										.47	.90	1.08			.25	.05									
SHEPHERDSVILLE	4.73					.76	.51	.04										.70	1.14	.20			.58	.50									.30
SOMERSET 1 N	3.93		.39	.08	.48	.03	.16	.95	.03									.15	.38		.01	.16	.76			.01							.34
SPRINGFIELD	1.83					.18	.38	.17										.60	.33			T	.17										
STEARNS 2 N	2.00				.29				.15	.12	.25							.07	.24	2.33			.83	.90									.29
SUMMER SHADE	5.59		.56	.10	.07	.58	.01	.08	T									.10	.20	1.38	1.23		.40	.59									.72
SUMMER SHADE SURSTA	4.89			.19	.08	.52	T	.07	.07									1.24	.53	1.18			.58	.47									.06
TAYLORSVILLE	5.62					.10	.56																										
TOMPKINSVILLE 2	5.25			.19	.15	.45		.39										.14	.15	1.05	.45		1.28	.76									.24
TURKEY CREEK SCHOOL	5.31				2.56			.52	.03									.45	.47	.02		.75	.37	.14									
TYRONE LOCK 5	4.28				.36	T	.68	.52		T								.40	.72	1.47			.27	.06									
UNIONTOWN DAM 49	4.31					.70											T	.03	.70	.32	1.49		.78	.29									
VALLBY VIEW LOCK Q	2.70			.10		T	.50	.30									T	.32	.08	.09			.26	1.05									
VANRUPEN	3.10					.57	.32											.52	.58	.46			.13	.50									
VANCEBURG DAM 32	3.15			.52			1.11	.22		.61									.29	2.10			.06	.24									
WAYNESBURG 6 E	4.30				2.00		.11	.59										.10	.09	.72			.34	.35									
WEST LIBERTY WATER WKS	2.78			.20	.60	.50	.42		.28										.30				.48										
WESTPORT	4.75						2.28	T											1.00	.77	.08		.42	.20									
WILLIAMSBURG	5.93		.61	1.50	.10	.68	.31		.02								.29	.01	.57	.06	.71	.02	.01										1.04
WILLIAMSTOWN	5.58					.25	.78											.36	.84			2.00	1.30										.05
WILLOW LOCK 13	2.78				.32	.30	.70		.05								.03	.45	.16	.09			.18	.50									
WOLF CREEK DAM	3.30			.01	.58	.07	.06	.12		.04							.06	.25	.63	.29			.59	.58									.02
WOODBURY LOCK 4	2.89				.55	.24												1.98	.02	.05			.05										



## DAILY TEMPERATURES

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Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	95	96	92	90	85	90	86	88	80	81	83	85	87	89	91	89	81	81	87	92	86	84	87	85	86	90	93	93	94	97	98	88.4
	MIN	68	73	73	67	68	69	62	63	53	53	51	53	59	58	57	66	69	70	65	67	68	71	64	61	58	56	56	65	68	68	70	63.5
ASHLAND OAM 29	MAX	97	96	87	91	89	91	86	88	78	76	80	82	85	85	88	89	89	87	88	94	95	88	87	82	87	90	94	96	99	98	95	88.9
	MIN	72	69	72	67	69	69	71	65	69	55	54	55	59	60	60	67	72	72	69	66	66	68	68	66	55	61	64	64	69	68	72	65.3
BARBOURVILLE	MAX	93	93	94	90	88	93	88	86	86	80	83	85	85	87	90	88	87	84	93	90	88	89	87	89	91	92	94	95	95	95	93	89.4
	MIN	62	66	63	65	64	70	67	61	63	51	48	50	53	54	54	65	66	66	64	65	68	67	65	57	57	58	59	58	63	64	62	61.1
BAROSTOWN S J PREP SCH	MAX	96	95	95	94	89	94	84	90	87	80	83	86	87	89	93	92	89	86	90	93	92	91	86	86	87	95	92	95	100	97	97	90.6
	MIN	70	71	73	68	67	69	67	64	56	55	50	52	58	56	57	67	68	65	63	68	69	71	66	64	55	55	57	64	72	69	70	63.7
BAXTER	MAX	91	92	89	89	87	87	90	89	85	80	78	81	83	81	84	86	85	85	85	88	90	89	80	85	87	89	90	90	92	93	88	86.7
	MIN	62	63	66	66	70	70	69	64	66	53	52	53	55	55	58	67	65	67	67	67	66	67	67	59	57	60	61	61	63	67	68	62.9
BEAVER OAM	MAX	96	96	95	83	96	98	92	92	86	83	85	86	90	91	91	89	85	88	92	92	92	86	88	92	92	94	95	96	98	98	97	91.4
	MIN	72	75	71	68	74	78	72	72	63	55	53	55	60	60	63	66	69	71	67	68	72	73	68	63	62	54	56	63	64	70	72	66.1
BENHAM	MAX	93	96	90	90	94	90	92	85	88	81	80	83	82	82	86	86	89	88	89	90	90	95	85	85	88	91	92	93	94	95	94	88.9
	MIN	60	63	65	60	63	63	67	68	65	51	47	49	48	50	59	62	66	62	60	62	62	68	68	58	53	56	58	59	62	65	65	60.1
BEREA COLLEGE	MAX	92	92	92	90	85	93	83	87	81	78	81	84	83	85	88	86	82	83	90	92	90	81	84	85	88	91	92	95	95	97	94	87.7
	MIN	68	75	69	65	69	69	69	70	59	53	51	55	60	62	57	68	69	70	63	66	65	68	67	64	57	58	60	64	67	71	74	64.6
BOWLING GREEN CAA AP	MAX	96	96	96	92	96	98	84	90	84	84	83	89	87	88	90	84	82	85	90	92	87	89	89	91	89	94	94	96	97	99	94	90.5
	MIN	68	77	70	68	73	70	72	70	62	58	54	55	63	62	63	70	70	69	66	70	72	72	68	65	62	60	63	63	66	72	74	66.7
BURGIN OIX OAM	MAX	95	95	95	91	88	93	86	90	88	80	83	85	86	87	90	89	86	83	90	93	92	88	88	88	89	92	94	95	96	98	98	90.0
	MIN	69	73	74	68	75	70	69	66	59	54	52	54	60	56	58	68	70	67	64	64	68	70	67	64	57	59	61	65	69	70	72	64.9
CAMPBELLSVILLE	MAX	94	93	95	90	90	95	85	90	85	80	84	87	88	88	90	87	81	85	93	93	90	88	88	88	89	93	93	95	96	94	97	89.8
	MIN	66	69	69	65	65	72	67	67	56	53	48	51	59	56	56	65	65	67	62	64	67	67	64	59	54	56	58	59	63	65	72	62.1
CARROLLTON LOCK 1	MAX	96	100	90	94	88	92	86	90	83	78	83	85	87	88	91	90	82	81	89	92	88	84	87	82	88	93	95	95	95	98	98	89.3
	MIN	70	72	73	64	69	69	61	61	53	55	52	53	60	56	58	63	70	68	67	66	69	71	67	64	64	57	59	66	69	67	72	64.0
CLERMONT 1 SSE	MAX	94	97	95	90	90	95	87	91	87	80	83	88	88	90	93	92	86	86	92	94	92	85	88	88	88	93	94	96	97	98	99	90.8
	MIN	69	72	71	68	67	70	65	62	53	52	47	49	55	57	54	65	69	69	63	66	67	67	64	62	54	52	52	61	66	61	70	61.9
CORBIN CAA AIRPORT	MAX	90	89	91	87	85	90	80	85	78	77	78	82	82	83	86	86	81	79	88	91	87	79	83	84	87	87	89	93	93	93	93	85.7
	MIN	61	66	66	64	69	69	68	67	56	50	49	51	56	53	55	67	69	65	63	64	66	70	63	59	52	59	59	59	64	66	67	61.7
COVINGTON W 8 AIRPORT	MAX	95	94	88	90	87	86	84	85	79	78	83	86	87	87	92	89	79	80	88	94	94	83	87	84	88	90	91	94	93	95	97	88.0
	MIN	69	70	68	63	66	66	60	63	53	55	52	54	59	59	64	69	69	68	65	68	69	68	64	59	57	56	62	71	72	71	74	64.0
CYNTHIANA 1 NNE	MAX																																
MIN																																	
OANVILLE	MAX	95	93	95	94	88	85	92	84	89	80	79	82	85	86	86	90	89	79	84	88	91	89	83	87	85	88	92	95	95	95	95	88.3
	MIN	70	73	73	67	69	68	69	68	58	55	53	55	60	57	60	62	70	70	63	65	68	70	67	65	57	60	61	64	66	70	73	64.7
FARMERS	MAX	96	95	95	92	92	94	93	90	88	78	81	85	84	86	90	88	90	93	90	94	94	87	88	88	90	94	95	97	98	99	98	91.0
	MIN	68	66	71	66	66	71	69	64	55	51	47	49	54	54	55	65	68	70	65	64	64	68	62	59	52	55	55	61	64	69	67	61.7
FOROS FERRY OAM 50	MAX	97	96	94	94	98	96	90	90	85	82	85	87	90	92	91	90	86	88	93	92	83	87	88	91	92	93	95	98	98	100	99	91.6
	MIN	74	78	77	71	77	75	73	69	65	59	59	56	64	62	66	68	70	70	71	71	71	71	71	67	67	63	61	67	70	74	73	68.7
FRANKFORT LOCK 4	MAX	99	95	98	95	92	90	95	89	90	82	80	84	86	87	88	92	90	85	93	94	89	86	81	91	87	89	95	97	97	97	99	90.7
	MIN	67	71	72	69	70	69	65	64	56	55	52	52	54	56	56	58	67	66	66	67	69	66	65	65	56	56	58	59	67	69	69	62.9
GLASGOW WKAY	MAX	96	95	93	89	93	94	86	90	85	79	85	86	87	87	89	86	83	84	90	93	88	88	85	88	87	92	92	93	94	95	94	89.2
	MIN	64	73	71	68	74	71	70	69	61	63	55	57	60	58	60	70	70	66	69	72	72	73	70	63	61	64	61	61	65	70	72	66.2
GOLOEN POND 8 N	MAX	100	101	98	99	98	100	96	96	84	85	87	90	93	91	94	89	88	91	94	96	90	93	89	94	93	95	97	98	98	101	101	94.2
	MIN	72	77	76	77	78	77	64	68	66	55	51	53	58	59																		

# DAILY TEMPERATURES

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Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MANCHESTER 4 SE	MAX	94	91	92	90	89	93	84	88	80	79	80	85	85	86	89	88	85	81	90	93	91	82	86	87	91	92	93	95	97	96	95	88.6
	MIN	63	65	65	63	67	69	67	66	62	52	49	51	53	54	54	64	66	67	66	64	64	68	66	57	53	58	60	56	61	63	66	61.3
MAYFIELD 2 S	MAX	100	99	95	96	98	98	92	92	90	82	86	90	88	90	88	87	87	91	92	91	85	88	88	93	93	93	95	95	96	97	96	92.0
	MIN	75	75	71	69	75	77	71	68	66	58	56	60	66	58	62	70	69	69	68	69	70	71	69	65	69	65	63	65	70	73	74	67.9
MAYSVILLE OAM 33	MAX	94	94	95	86	90	85	89	84	85	76	76	80	82	84	85	90	87	85	81	89	91	92	80	81	81	84	89	91	93	94	96	86.7
	MIN	71	65	70	65	64	69	64	62	55	53	51	55	57	57	59	61	66	69	68	66	66	67	66	59	54	58	58	66	62	66	62.2	
MIDDLESBORO	MAX	92	92	89	87	89	94	89	87	82	82	83	83	84	86	87	86	87	86	88	92	90	87	88	89	90	91	91	93	94	92	93	88.5
	MIN	64	67	66	67	68	70	69	68	65	50	50	52	55	52	56	67	67	69	66	65	66	69	67	59	56	61	62	61	65	66	68	63.0
MOUNT STERLING	MAX	95	97	93	90	86	93	90	91	83	79	83	85	86	87	90	91	84	84	90	96	94	92	90	90	88	94	95	96	98	98	100	90.6
	MIN	68	71	73	66	68	67	65	63	55	53	51	54	55	58	60	59	69	68	63	65	69	66	60	61	56	59	59	65	67	69	70	63.0
MURRAY	MAX	99	101	95	99	101	102	88	93	90	85	87	90	89	91	90	88	90	94	94	93	82	91	89	93	93	96	98	97	101	102	102	93.6
	MIN	72	76	72	70	75	74	74	69	66	55	52	56	66	58	63	69	71	69	68	70	73	71	69	64	67	59	62	62	66	73	72	67.2
OWENSBORO 2 W	MAX	95	99	97	91	97	98	93	93	88	86	90	92	93	92	92	92	86	87	93	94	85	88	92	93	95	97	99	99	97	100	100	93.3
	MIN	74	76	75	68	75	80	70	71	62	58	58	57	64	63	62	68	69	69	68	71	71	72	69	66	68	57	58	67	68	72	75	67.8
PAOUCAH CAA AIRPORT	MAX	97	98	94	94	97	98	89	92	85	85	86	86	88	91	89	87	86	91	94	89	84	87	88	92	92	94	97	97	95	97	97	91.5
	MIN	76	78	75	72	76	79	72	71	62	57	54	60	63	63	65	70	72	72	72	71	73	72	70	66	70	65	61	68	68	77	77	69.3
PAOUCAH	MAX	95	98	97	94	94	96	96	90	92	84	83	86	88	90	90	91	89	87	91	93	92	85	88	90	92	93	94	97	98	99	101	92.0
	MIN	72	79	75	71	74	73	73	71	66	57	56	59	64	61	64	67	71	70	70	70	73	71	70	65	71	64	60	67	66	69	73	68.1
PIKEVILLE	MAX	95	94	91	92	88	92	89	88	83	82	83	85	85	86	90	90	86	77	90	94	93	86	89	88	91	91	93	95	97	96	97	89.5
	MIN	71	72	70	69	72	74	72	73	68	57	55	57	59	62	62	66	65	70	69	69	70	70	69	64	59	64	63	65	69	72	73	66.8
PRINCETON	MAX	99	100	95	96	98	97	87	94	86	87	88	91	90	93	92	88	87	92	92	94	88	92	90	94	96	97	99	98	99	101	101	93.6
	MIN	71	74	69	68	69	74	73	69	63	55	54	53	56	56	64	66	70	65	66	67	65	69	68	62	62	56	55	60	63	71	71	64.6
RICHMOND E STATE COL	MAX	93	92	93	92	87	85	91	83	87	78	79	80	83	82	84	87	86	81	82	89	91	87	82	86	84	84	90	92	94	95	96	86.9
	MIN	70	72	74	66	70	70	69	70	59	54	51	54	59	56	57	69	71	71	62	70	67	69	67	64	56	58	59	63	67	71	74	64.8
RUSSELLVILLE	MAX	94	100	96	94	96	96	86	92	83	84	86	87	89	91	92	88	88	88	92	92	88	88	88	92	91	93	93	94	97	99	99	91.5
	MIN	70	76	65	68	72	76	74	73	61	54	51	54	58	58	64	65	69	71	66	68	71	71	68	62	62	56	60	61	63	71	71	65.5
ST JOHN BETHLEHEM ACO	MAX	96	94	95	95	89	88	94	88	89	79	78	82	84	88	89	90	87	82	85	89	92	88	85	87	86	89	92	93	94	97	97	89.1
	MIN	72	73	74	70	72	69	69	68	62	60	56	55	61	63	62	69	69	70	66	69	71	70	68	63	60	56	58	64	66	68	72	68.0
SCOTTSVILLE	MAX	94	97	94	90	95	96	84	89	82	81	84	86	85	88	89	87	84	86	90	92	88	85	87	90	89	91	92	93	95	97	94	89.5
	MIN	67	76	67	67	72	75	72	70	60	53	51	53	62	61	63	70	70	70	66	68	72	73	69	63	62	60	64	63	65	65	73	65.9
SHELBYVILLE 2 W	MAX	94	95	92	91	87	92	85	87	80	80	86	88	90	90	93	91	83	79	90	92	85	83	86	84	89	92	94	96	97	98	98	89.3
	MIN	71	73	74	68	71	69	65	68	65	55	53	55	61	58	60	69	70	69	65	68	69	71	66	64	57	58	59	67	70	69	71	65.4
SOMERSET 1 N	MAX	91	90	91	87	85	91	81	86	82	76	78	83	82	83	86	85	80	80	87	89	87	80	83	84	86	90	90	92	93	93	91	85.9
	MIN	64	65	69	65	71	72	68	68	61	53	50	54	60	54	55	68	70	68	62	59	67	70	64	60	56	59	59	59	64	66	69	62.9
SUMMER SHADE	MAX	97	95	95	92	94	94	84	90	83	82	84	88	88	89	92	88	84	85	93	94	92	88	88	90	90	93	95	96	95	96	95	90.6
	MIN	64	71	71	67	67	72	73	68	63	55	55	58	62	58	61	68	69	68	64	67	70	71	69	62	60	61	62	60	66	72	71	65.4
VANCEBURG OAM 32	MAX	97	96	87	92	88	90	84	89	85	78	83	83	87	87	85	92	89	80	90	92	91	83	88	83	82	93	94	96	97	98	98	88.9
	MIN	71	68	71	64	68	69	65	58	55	54	53	55	59	60	61	61	60	62	65	67	67	70	65	60	56	55	62	68	68	70	67	63.0
WEST LIBERTY WATER WKS	MAX	94	93	93	91	90	92	85	86	81	80	82	81	86	90	90	91	89	90	90	94	95	92	88	88	87	90	90	93	95	96	98	89.7
	MIN	62	62	70	65	65	68	60	58	50	48	50	52	54	55	56	65	68	70	65	62	63	62	57	53	52	56	57	58	66	62	66	59.9
WILLIAMSBURG	MAX	94	94	82	88	86	95	89	87	81	79	81	85	83	86	88	85	83	82	90	94	90	83	85	88	91	90	91	93	94	95	84	87.6
	MIN	64	69	68	66	67	72	74	68	68	54	56	54	59	52	58	67	68	69	62	66	68	71	70	61	51	62	63	63	66	69	69	64.3
WILLIAMSTOWN	MAX	96	96	96	92	90	88	90	85	89	80	88	84	85	85	86	86	89	80	82	90	93	91	83	85	86	87	91	93	95	95	96	88.8
	MIN	72	71	72	66	72	67	61	64	53	55	56	59	64	64	64	66	66	70	67	70	70	68	70	61	59	61	64	69	72	73	73	65.8
WOLF CREEK OAM	MAX	93	95	93	93	92	92	96	81	89	81	80	83	87	86	88	88	82	78	84	92	93	90	85	86	88	90	93	93	95	98	94	89.0
	MIN	70	70	70	70	70	74	71	70	66	56	55	55	60	58	60	64	69	69	67	70	70	71	70	60	58	62	64	63	64	64	72	65.5

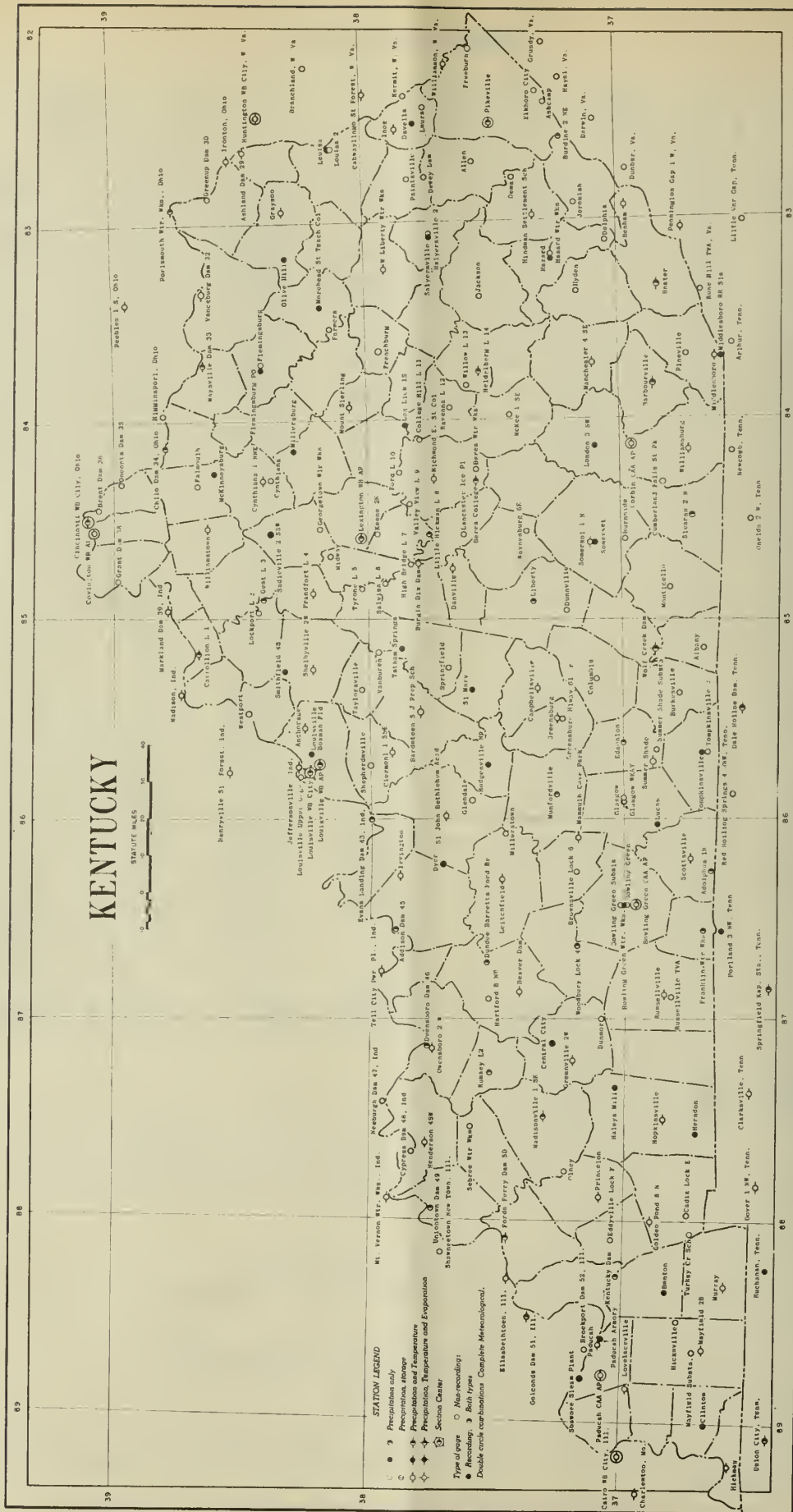


## STATION INDEX

KENTUCKY  
JULY 1953

Station	County	Index No.	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	County	Index No.	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables		
ADDISON DAM 45	ALBANY	0031	BRICKENRIDGE	7 37 55	86 34	380	6A	CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	MID	U.S. WEATHER BUREAU	2 3 5 7	C	
ADOLPHUS 1 N	ALBANY	0043	ALLEN	2 36 41	85 08	950	7A	MRS. BARBARA M. COOL	3	C	LIBERTY	4755	CASEY	3 37 21	84 55	550	MID	PALLIA L. HANLEY	3	C	
ALLEN	ALBANY	0095	FLOYD	1 37 35	82 43	650	7P	ANNIE AUXIER	2 3 5	C	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	6A	CORPS OF ENGINEERS	3	C	
ANCHORAGE	ALBANY	0155	JEFFERSON	7 38 16	85 03	750	7P	C. E. BARRETT	2 3 5	C	LOCKPORT LOCK 1	4858	CLARE	4 37 51	84 02	—	MID	MRS. H. B. BUEHR	3	C	
ASHCAM	ALBANY	0246	PIKE	1 37 16	82 26	1100	8A	MRS. J. S. RATLIFF	3	C	LONDON 3 SW	4893	LAUREL	2 37 06	84 08	—	MID	U.S. FOREST SERVICE	3	C	
ASHLAND DAM 29	ALBANY	0246	BOYD	7 38 27	82 36	650	7A	CORPS OF ENGINEERS	2 3 5	7	LOUISA 2	4943	LARSEN	1 38 07	82 37	584	7A	PALLIA L. HANLEY	3	C	
BARBOURVILLE	ALBANY	0361	KNOX	2 36 52	83 53	1000	6P	UNION COLLEGE	2 3 5	C	LOUISA 2	4946	LARSEN	1 38 07	82 37	584	7A	FRED PERRY	3	C	
BARSTOWN S.J. PREP SCH	ALBANY	0397	NELSON	8 37 48	85 28	637	6P	ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE WOMAN FLO	4951	JEFFERSON	7 38 13	85 40	558	MID	CORPS OF ENGINEERS	2 3 5	7	C
BAXTER	ALBANY	0450	MARLAN	2 36 51	83 20	1164	7A	C. E. HOWER NOLAN	2 3 5	C	LOUISVILLE WB AIRPORT	4954	JEFFERSON	7 38 11	85 48	405	MID	U.S. WEATHER BUREAU	3	C	
BEAVER DAM	ALBANY	0490	ONIO	3 37 25	86 25	441	6P	E. J. YOUNG	2 3 5	7	LOUISVILLE UPPER GATE	4955	JEFFERSON	7 38 17	85 48	403	6A	CORPS OF ENGINEERS	3	C	
BENNETT	ALBANY	0595	HARLAN	3 36 58	82 57	1580	6A	C. E. WHITEKAT	2 3 5	7	LOUISVILLE WB CITY	4956	JEFFERSON	7 38 15	85 46	457	MID	U.S. WEATHER BUREAU	2 3 5	C	
BENTON	ALBANY	0611	HARSHALL	9 36 51	88 20	—	—	MIO JAMES H. MILLER	2 3 5	C	LOVELACEVILLE	4967	BALLARD	6 36 58	88 50	370	6P	BLAINE MALONE	2 3 5	C	
BEREA COLLEGE	ALBANY	0619	ADAMS	4 37 34	84 16	1070	6P	JAMES A. GROSSMAN	2 3 5	C	LUCKAS	5002	BARRON	5 36 53	86 07	—	MID	WILLARD E. FOSTER	3	C	
BEREA WATER WORKS	ALBANY	0624	ADAMS	4 37 34	84 16	1100	7A	MRS. L. B. GAFFARD	2 3 5	C	MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	435	5P	HOWER WELBORN, JR.	2 3 5	C	
BOWLING GREEN	ALBANY	0904	WARREN	3 37 00	86 25	536	7A	JAMES R. EDWARDS	2 3 5	7	MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	800	5P	NATIONAL PARK SVC	2 3 5	7	C
BOWLING GREEN SUBSTA	ALBANY	0907	WARREN	3 37 01	86 26	470	7A	TYVA-639	2 3 5	7	MANCHESTER 4 SE	5111	CLAY	4 37 06	83 49	850	6P	NORA S. WHITE	2 3 5	C	
BOWLING GREEN CAA AIRPORT	ALBANY	0909	WARREN	3 36 58	86 26	535	MID	MID CIVIL AERO. ADM.	2 3 5	7	MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364	7A	E. O. COOPER	2 3 5	C	
BRENT DAM 36	ALBANY	0978	CAMPBELL	7 39 03	84 25	489	7A	CORPS OF ENGINEERS	2 3 5	C	MAYFIELD 2 S	5231	JEFFERSON	3 36 42	88 38	364	5P	MRS. JOSE PAYNE	2 3 5	C	
BROWNVILLE LOCK 6	ALBANY	1046	EDMONSON	3 37 12	86 16	410	7A	STINSON SKAGGS	3	C	MAYSVILLE DAM 33	5243	HASON	7 38 38	84 52	524	6A	CORPS OF ENGINEERS	2 3 5	7	C
BURDIN 2 NE	ALBANY	1120	PIKE	1 37 13	82 35	1638	8A	EDWIN E. JOHNSON	3	C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	7A	MRS. WINNIE E. MORAN	3	C	
BURDIN DIX DAM	ALBANY	1127	MERCER	4 37 46	84 03	770	6P	C. W. WILLIAMS	2 3 5	6	MC KINNEYSBURG	5301	PENLETON	5 36 36	84 16	—	MID	EDWARD C. GIFFORD	3	C	
BURNSIDE	ALBANY	1137	CUMBERLAND	2 36 47	82 22	720	6P	MID JAMES F. PRICE	2 3 5	C	MIDDLESBORO	5389	BELL	2 36 37	83 43	1130	7A	LOW L. HERRELL	2 3 5	7	C
CADIZ LOCK E	ALBANY	1156	PLASKI	2 36 59	84 37	705	7A	THOMAS A. LEWIS	CLOSED 7/53		MIDDLEBORO RR STA	5407	WOODFORD	4 38 09	84 41	—	MID	CITY OF MIDWAY	3	C	
CAMPBELLVILLE	ALBANY	1206	TRIGG	2 36 46	87 58	424	7A	CORPS OF ENGINEERS	3	C	MIDWAY	5407	WOODFORD	4 38 09	84 41	—	MID	CITY OF MIDWAY	3	C	
CARROLLTON LOCK 1	ALBANY	1256	TAYLOR	4 37 40	85 21	777	6P	ALVA MC KINLEY	2 3 5	C	MILLERSBURG	5430	BOURBON	5 38 18	84 09	—	MID	DAVID C. BAILEY	3	C	
CENTRAL CITY	ALBANY	1345	CARROLL	4 38 41	85 11	480	6P	CORPS OF ENGINEERS	2 3 5	C	MILLERSTOWN	5438	GRAYSON	3 37 27	86 03	560	7A	MRS. O. M. LAWLER	3	C	
CLEMONT 1 SSE	ALBANY	1439	MULLENBERG	3 37 17	87 07	97	6P	MID JAMES F. PRICE	2 3 5	C	MONTICELLO	5524	WAYNE	2 36 50	84 51	910	7A	E. O. COOPER	2 3 5	7	C
CLINTON	ALBANY	1611	BULLITT	8 37 55	85 40	474	5P	SP BERNEHME FOUNDATION	2 3 5	C	MONTICELLO STATE COLLEGE	5524	WAYNE	2 36 50	84 51	910	7A	E. O. COOPER	2 3 5	7	C
COLLEGE HILL LOCK 11	ALBANY	1702	WHITLEY	4 37 47	84 06	—	—	MID WOODSON O. FRANKLIN	3	C	MUNFORDVILLE	5640	MONTGOMERY	5 38 04	83 56	930	5P	FRED CARTMILL	2 3 5	C	
COLUMBIA	ALBANY	1722	WHITLEY	4 37 47	84 06	—	—	MID WOODSON O. FRANKLIN	3	C	MURRAY	5684	HART	3 37 16	85 53	600	7A	HUBERT E. HODGES	3	C	
COBAIN CAA AIRPORT	ALBANY	1802	WHITLEY	2 36 58	84 06	1170	MID	MID CIVIL AERO. ADM.	2 3 5	7	OLNEY	5694	CLAYTON	9 36 36	88 20	600	6P	MURRAY WATER SYSTEM	2 3 5	7	C
COVINGTON WB AIRPORT	ALBANY	1855	BOONE	7 39 04	84 40	869	MID	MID U.S. WEATHER BUREAU	2 3 5	7	OLNEY HILL 1 NW	6020	HOPKINS	7 37 14	87 47	470	8A	ART D. WILLIAMS	3	C	
CUMBERLAND FALLS ST PK	ALBANY	1969	WHITLEY	2 36 50	84 19	—	—	SP KY DEPT OF COMS.	3	C	ONEONTA DAM 35	6033	CAMPBELL	7 38 58	84 18	497	6A	CORPS OF ENGINEERS	3	C	
CYNTHIANA	ALBANY	1989	MARRISON	5 38 23	84 16	684	6P	RA MARSHALL HILL	3	C	ONEONTA DAM 46	6091	DAVIESS	7 37 46	87 09	420	6P	DAVID C. BAILEY	2 3 5	7	C
CYNTHIANA 1 NNE	ALBANY	2003	MARRISON	5 38 23	84 16	684	6P	RA CARL F. SHIPLEY	2 3 5	C	ONEONTA DAM 46	6091	DAVIESS	7 37 46	87 09	420	6P	DAVID C. BAILEY	2 3 5	7	C
DAVILLA	ALBANY	2040	BOYLE	1 37 49	84 48	955	7A	R. P. COLDIRON	2 3 5	7	PADUCAH	6115	MC CRACKEN	7 37 06	88 37	340	6A	MID CIVIL AERO. ADM.	2 3 5	7	C
DELPHIA 1 E	ALBANY	2053	MARTIN	1 37 48	82 32	—	—	MIO BERTHA DE LONG	3	C	PADUCAH ARMORY	6117	MC CRACKEN	7 37 05	88 35	344	MID	CITY OF PADUCAH	2 3 5	C	
DEMA	ALBANY	2132	PERRY	4 37 02	83 07	1780	5P	RALPH R. BEALL	3	C	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620	7A	JESSE FAIRCHILD	2 3 5	7	C
DENNY DAM	ALBANY	2139	KNOTT	1 37 25	82 48	850	5P	SP HATTIE B. BARNEY	3	C	PIKEVILLE	6353	PIKE	1 37 29	82 31	686	5P	U.S. WEATHER BUREAU	2 3 5	7	C
DUNDEE BARRETT'S FORD	ALBANY	2180	FLOYD	2 36 50	82 47	819	6P	RA CORPS OF ENGINEERS	2 3 5	C	PIKEVILLE	6353	PIKE	1 37 29	82 31	686	5P	U.S. WEATHER BUREAU	2 3 5	7	C
DUNMORE	ALBANY	2358	ONIO	3 37 33	86 43	450	7A	J. L. HUFF	3	C	PRINCETON	6575	CALDWELL	2 37 06	85 53	529	5P	ALTON M. MARVILL	2 3 5	C	
DUNNVILLE	ALBANY	2366	MULLENBERG	3 37 05	87 00	610	7A	N. D. GIVENS	3	C	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	631	7A	CORPS OF ENGINEERS	3	C	
DYER	ALBANY	2374	CASEY	3 37 13	84 58	—	—	BA LINDIE D. TARTER	3	C	RICHMOND E STATE COL	6805	MAISON	4 37 44	84 18	1095	8A	THOMAS C. HERNDON	2 3 5	C	
EDDYVILLE LOCK F	ALBANY	2451	BRICKENRIDGE	3 37 45	86 33	—	—	MID LINDIE BLAIR	3	C	RUMSEY LOCK 2	7039	MC LEAN	3 37 32	87 16	384	6P	CORPS OF ENGINEERS	3	C	
EDMONTON	ALBANY	2445	LYON	3 37 08	85 55	420	7A	JOHN E. MORAN	3	C	RUSSELLVILLE	7049	LOGAN	3 36 51	86 53	590	6P	WM. B. PORTER	2 3 5	C	
ELKHORN CITY	ALBANY	2549	METCALFE	3 37 00	85 17	—	—	RA HARVEY J. FARMER	3	C	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	7A	TYVA-483	2 3 5	C	
ELKHORN CITY	ALBANY	2526	PIKE	1 37 18	82 21	792	7A	RA HARVEY J. FARMER	3	C	SADIEVILLE 2 SW	7074	SCOTT	4 38 23	84 54	—	MID	ROY MARSHALL	3	C	
ELKHORN CITY	ALBANY	2775	PENDELTON	5 38 40	84 20	560	6P	RA FRANK H. LAWSON	3	C	ST JOHN BETHLEHEM ACAD	7091	HARIN	8 37 42	85 59	777	7A	SISTER M. MELITIA	2 3 5	7	C
ELKHORN CITY	ALBANY	2781	ROMAN	5 38 40	84 20	560	6P	RA FRANK H. LAWSON	3	C	ST MARY	7096	HARIN	8 37 42	85 59	777	7A	SISTER M. MELITIA	2 3 5	7	C
FLEMINGSBURG	ALBANY	2903	FLEMING	5 38 25	83 43	870	7A	BYRON F. FLEMING	2 3 5	7	SALVAGE LOCK 6	7121	MERCER	4 37 46	84 49	520	7A	CORPS OF ENGINEERS	3	C	
FLEMINGSBURG P. O.	ALBANY	2908	FLEMING	5 38 25	83 43	870	7A	MAURICE B. CARPENTER	2 3 5	7	SALVAGE LOCK 6	7129	MAGOFFIN	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C	
FORD LOCK 10	ALBANY	2953	ADAMS	4 37 53	84 15	593	6A	CORPS OF ENGINEERS	2 3 5	7	SALVAGE LOCK 6	7134	MAGOFFIN	5 37 45	83 04	900	7A	ESTILL B. SCOTT	3	C	
FORDS FERRY DAM 50	ALBANY	2961	CRITTENDEN	7 37 28	88 06	356	6P	CORPS OF ENGINEERS	2 3 5	7	SCOTTSVILLE	7215	ALLEN	3 36 45	86 12	770	5P	NOBLE ALLEN	2 3 5	7	C
FRANKFORT LOCK 1	ALBANY	3026	SIMPSON	3 36 43	86 34	691	6A	CORPS OF ENGINEERS	2 3 5	7	SEEBER WATER WORKS	7234	SEEBER	3 36 45	86 12	770	5P	SEEBER WATER WORKS	3	C	
FREEBURN	ALBANY	3046	PIKE	1 37 34	82 08	727	7A	JOHN E. TANNER	3	C	SHANNEY STEAM PLANT	7311	MC CRACKEN	7 37 09	88 47	355	7A	TYVA-109	2 3 5	C	
FREEBURN	ALBANY	3252	MENEFEE	3 37 37	83 39	930	7A	FRANCIS B. SCHOEN	3	C	SHELBYVILLE 2 W	7324	SHELBY	8 38 13	85 16	625	6P	WILLA S. A. RATTI	2 3 5	C	
GEORGETOWN WATER WORKS	ALBANY	3194	SCOTT	4 38 12	84 33	880	7A	JOE W. ATKINS	3	C	SHEPHERDSVILLE	7334	BULLITT	8 38 00	85 44	—	MID	DAVID K. MAGDORE	3	C	
GEST LOCK 3	ALBANY	3203	HENRY	3 38 25	84 53	450	6P	JOE W. ATKINS	3	C	SMITHFIELD 4 S	7473	SHELBY	8 38 20	85 16	862	MID	F. W. SIMPSON	3	C	
GLASGOW	ALBANY	3241	BARRON	3 37 00	85 55	780	6P	EMILY M. BEAN	2 3 5	C	SOMERSET	7508	PLASKI	2 37 06	84 37	1050	MID	CORPS OF ENGINEERS	3	C	
GLASGOW WKAY	ALBANY	3246	BARRON	3 37 00	85 55	780	6P	EMILY M. BEAN	2 3 5	C	SOMERSET 1 N	7510	PLASKI	2 37 07	84 37	1050	6P	RADIO STA WSCF	2 3 5	C	
GLENDLE	ALBANY	3252	MARTIN	3 37 36	85 55	700	7A	DAVID W. BELL	3	C	SPRINGFIELD	7604	WASHINGTON	8 37 41	85 14	738	8A	WM. H. COATLEY	2 3 5	C	
GOLDEN POND 8 N	ALBANY	3295	TRIGG	2 36 54	88 00	—	—	SP FISCH W. WOLF REFUGEE	2 3 5	C	STEARNS 2 N	7677	MC CREARY	2 36 45	84 29	—	7A	FAYE PAULINE SMITH	3	C	
GRANT DAM 3	ALBANY	3358	BOONE	7 38 59	84 49	506	6A	CORPS OF ENGINEERS	2 3 5	C	SUMMER SHADE	7800	METCALFE	3 36 53	85 43	—	6P	CHAS. H. MC MURTRY	2 3 5	C	
GRAYSON	ALBANY	3391	CARTER	7 38 19	82 57	599	5P	SHIRLEY L. STAN	2 3 5	C	SUMMER SHADE SUBSTA	7805									





Monthly precipitation data from recorder stations will be available in the publication "Monthly Precipitation Data".

- STATION LEGEND**
- Precipitation only
  - Precipitation and temperature
  - ◆ Precipitation, temperature and exposure
  - ◇ Section center
  - Non-precipitating
  - Precipitating
  - ◆ Double circle non-precipitating
  - ◆ Double circle non-precipitating



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WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

KENTUCKY

OCT 16 1953

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AUGUST 1953  
Volume XLVIII No. 8



NAT.  
HIST.

O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The most significant feature of the month's weather was the unusually small average precipitation. The amount of 1.54 inches is the fourth smallest since 1889 and the least since 1943 for the month of August. The temperature averaged just slightly above normal but periods of unusually warm weather were detrimental to farm prospects. Drought became well established in most of the western half of the state, seriously affecting pastures and supply of stock water and reducing yields of other crops. Summer storms were generally absent although isolated electrical storms did account for one fatality and some property damage. There was also one drowning as a result of a flash flood in Woodford County.

The warm humid weather of the end of the preceding month continued through the 4th with daytime readings consistently in the middle and upper 90's and minimums generally near 70. Hopkinsville in the western section recorded maximums in excess of 100° on 3 days during this period. Cooler air moving southeastward across the state on the 5th brought a temporary end to the above normal readings and 90° temperatures. The cooler air persisted through the 11th with daytime temperatures returning to the 90's again at most stations by the afternoon of the 12th. Sunny skies and typical mid-summer warmth continued until cooler air overspread the state on the 16th and 17th. Cool, dry air dominated the weather through the 22nd. Many stations recorded minimums in the upper 40's and low 50's during this period with most localities reporting their lowest temperature for the month on the 19th or 20th. A steady rising temperature trend beginning on the 23rd culminated in record heat at the close of the month. Shelbyville recorded 100° or above the last 5 days, and at Louisville new daily high temperature records were set on the last 3 days, exceeding previous readings for those dates covering an 81-year period. The mean temperature for the state was 76.0° which is 0.2° above normal. The monthly mean temperatures ranged from 78.8° at Fords Ferry Dam 50 and Mayfield 2 S to 72.5° at Barbourville. The highest temperature reported in the state was 104° at Golden Pond 8 N on the 16th; the lowest was 44° at Farmers on the 19th and 20th and Manchester 4 SE on the 20th.

Rainfall was extremely variable, ranging all the way from practically nothing to

over 6 inches. As a rule the greater part of the rain occurred during the first eight days. While precipitation of varying intensity was reported from one location or another on 13 days during the month, average daily amounts of .01 or more were recorded on only 4 days which is less than 1/2 the number of normal days with .01 or more rainfall in the month of August. By the middle of the month drought conditions had become established in most of the western half of the state. No rain of consequence fell in that area after the 8th. Widely scattered thundershowers were reported at most stations in central and eastern counties on the 1st and 2nd but no rain fell in counties west of Bowling Green. Interaction between cool air and the warm humid air overlying the state brought agriculturally significant rainfall to most of the state on the 4th, 5th, and again on the 7th and 8th. Following these periods, measurable rain was not recorded at any location with the exception of some areas in south-central and southeastern counties. The average precipitation for the state was 1.54 inches which is 2.13 inches below normal, making this month the fourth driest August on record. The total amounts recorded at the various locations ranged from 6.22 inches at Keene 2 N in Jessamine County to 0.08 inch at Albany in Clinton County. The heaviest rainfall in any one day was 5.40 inches at Keene 2 N reported on the 4th.

Lack of rainfall and high temperatures during the month lowered prospects of most growing crops in the state. Many pastures were almost gone by the end of the month in the western half of the state and farmers were having to feed hay and other roughage intended for use in the winter. Stock water was becoming a problem. The hot, dry weather was forcing maturity of crops prematurely and thereby reducing yield prospects. In the eastern half of the state conditions were somewhat better although pastures were getting short and were beginning to burn. Dry weather and high temperatures hastened maturity of tobacco and by the end of the month was causing some leaf burn in the field. As a result, cutting and housing of tobacco started earlier than usual. Most of the early planted corn was far enough along to escape serious damage from the weather conditions but late planted acreage was damaged severely. Early cuttings of alfalfa and clover were exceptionally good throughout the state. However, the prospects for late hay in the dry areas were very slim. W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
AUGUST 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	NE	13	7.8	-	-	-	74	79	44	55	2	3	1	1	1	0	8	-	3.7
LOUISVILLE WB AP	N	15	5.1	24	NW	7	79	85	43	50	4	0	0	2	0	0	6	81	3.1

## COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	70.6	100	43	1.23	-	-
1890	73.2	101	44	6.16	-	-
1891	72.9	105	43	5.82	-	-
1892	75.4	96	45	3.13	-	-
1893	74.8	99	48	1.72	-	-
1894	77.1	105	41	3.02	-	5
1895	76.6	102	49	2.15	0.0	6
1896	77.1	105	41	2.83	0.0	9
1897	75.2	101	49	2.33	0.0	7
1898	76.7	100	55	3.83	0.0	6
1899	78.1	102	51	3.09	0.0	6
1900	80.4	104	52	2.74	0.0	12
1901	75.5	101	50	5.12	0.0	7
1902	75.6	103	45	2.48	0.0	8
1903	75.5	100	49	3.27	0.0	8
1904	75.2	100	45	2.64	0.0	9
1905	75.7	99	42	3.82	0.0	10
1906	77.4	99	45	4.37	0.0	10
1907	74.8	99	48	4.27	0.0	8
1908	76.3	104	49	2.79	0.0	7
1909	76.9	104	45	2.60	0.0	6
1910	74.0	100	46	2.72	0.0	10
1911	76.2	106	45	4.03	0.0	13
1912	73.7	98	43	4.71	0.0	7
1913	78.0	108	44	2.81	0.0	12
1914	76.0	100	49	5.94	0.0	14
1915	71.3	100	42	6.29	0.0	9
1916	77.0	101	47	4.25	0.0	8
1917	73.9	100	42	3.49	0.0	7
1918	80.2	111	50	3.18	0.0	8
1919	75.0	104	47	3.49	0.0	13
1920	73.4	98	43	5.80	0.0	10
1921	76.0	101	48	5.28	0.0	6
1922	75.2	101	47	2.43	0.0	12
1923	75.4	99	43	8.03	0.0	12
1924	76.5	103	43	3.00	0.0	7
1925	76.5	106	44	1.47	0.0	5
1926	77.3	101	51	7.51	0.0	14
1927	71.1	97	43	2.88	0.0	8
1928	77.0	101	54	4.33	0.0	11
1929	74.0	100	37	2.06	0.0	6
1930	76.5	113	42	2.25	0.0	7
1931	74.9	102	45	5.36	0.0	12
1932	76.5	103	43	4.25	0.0	7
1933	74.7	99	51	3.26	0.0	8
1934	76.6	104	46	4.76	0.0	10
1935	77.0	105	42	4.22	0.0	9
1936	81.1	108	43	2.22	0.0	6
1937	78.0	100	53	3.63	0.0	9
1938	78.0	101	52	4.25	0.0	10
1939	75.3	99	43	2.88	0.0	8
1940	76.0	102	45	3.57	0.0	8
1941	76.9	105	44	3.13	0.0	8
1942	74.9	104	42	6.56	0.0	11
1943	78.1	106	42	1.32	0.0	4
1944	78.3	104	43	5.45	0.0	10
1945	75.5	103	40	2.47	0.0	6
1946	70.7	96	36	4.42	0.0	8
1947	79.6	106	53	3.89	0.0	9
1948	74.9	105	47	2.13	0.0	5
1949	75.3	97	48	4.54	0.0	12
1950	71.9	93	37	4.78	0.0	11
1951	76.0	103	39	3.17	T	7
1952	76.3	103	40	3.45	T	9
1953	76.0	104	44	1.54	T	4

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.



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# DAILY PRECIPITATION

KENTUCKY  
AUGUST 1955

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	1.47		.35			.27			.85																								
ADOLPHUS 1 N	.94		.03						.55	.27															.04								
ALBANY	.08							.08																									
ALLEN	2.09		.38	.30	.61	.05												.75															
ANCHORAGE	1.00	T		.02	.20				.72									.06															
ASMCAMP	1.64			.30		.19				.24							.91																
ASHLAND DAM 29	3.89		.12	T	2.23	.56			.62	.36							T																
BARBOURVILLE	2.89		.24	.30	.40					.35							.89							.71									
BARSTOWN S J PREP SCH	.65				.61				.04																								
BAIXER	1.28				.40	.08											.80																
BEAVER DAM	.36				.02				.30									.04															
BENHAM	1.16	T	.01	.44	.07	.05				.15								.44															
BEREA COLLEGE	1.40	.66			.55	.07			.12						T								T										
BEREA WATER WORKS	2.10	.13	1.25	T	.46		.02		.04	.20							T																
BOWLING GREEN	1.04		.60	.28		.04			.12	T							T																
BOWLING GREEN SUBSTA	1.15		.78	.19		.06			.12																								
BOWLING GREEN CAA AP	3.00	1.12	.06					.19	.06								1.57						T										
BRENT DAM 36	.99				.29	.04	.02			.14							T																
BROWNSVILLE LOCK 6	.57			.29					.23	.05																							
BURDINE 2 NE	2.45	.05	.40	1.25		.20			.25								.30																
BURGIN DIX DAM	.95	T	.13	T	.48			T	.28																								
BURKESVILLE	1.38	T	.07	.71	.02	.23		T	.09	.01	T	T					.06																
CADIZ LOCK E	1.17				.52				.60	.02																							
CAMPBELLSVILLE	1.94	.09	.03		.24	.16			.14	.03							1.25																
CARROLLTON LOCK 1	.99			.50	.04				.45								T																
CLERMONT 1 SSE	1.68	T	.08	.19	1.23				.15	T							T								.03								
COLLEGE HILL LOCK 11	.78	.11			.06	.56			.05																								
COLUMBIA	1.66		.45	.06	.72				T																								
CORBIN CAA AIRPORT	1.68				.63	.02			.21								.36	.12						T									
COVINGTON W 8 AIRPORT R	.31		T	T	T	.01		.07	.21								.02																
CUMBERLAND FALLS ST PK	.70				.36				.24								.10																
CYNTHIANA	4.07	T	T		.18	2.83	.07		.94		.03							.02															
CYNTHIANA 2 SW																																	
DANVILLE	1.14	.11	.02	.60	.05	.34			.02	T							T																
DELPHIA 1 E																																	
DEMA	2.33		.45		.53						.35						1.00																
DEWEY DAM	2.40		.73	.15	.73	.37	.15										.22																
DUNDEE BARRETT'S FORD BR	.52								.25	.05							T																
DUNMORE	.60								.60																								
DUNNVILLE	4.32	1.60	.28		1.25												.68																
EDDYVILLE LOCK F	.27				.08				.13	.03																							
EDMONTON	1.71	.18	1.29						.12		.12																						
ELKHORN CITY	2.18	.24	.04	.06	.01	.15	.02										1.24	.04															
FALMOUTH	2.24	.61	.04	T	.96			T	.26	.34							.03																
FARMERS	3.49	.05	.11	2.08	.04	.76			.43								.02																
FLEMINGSBURG	2.73	.51			.22	.67			.61	.63							.09	T															
FORD LOCK 10	2.50	1.52	T	T	.10	.43	T		.45																								
FORDS FERRY DAM 50	.37								.34	.03							T	T															
FRANKFORT LOCK 4	1.73		.02		.07	.72			.73	.07							.12																
FRANKLIN WATER WORKS	.25		T						.25																								
FREEBURN	.94			.22	.31						.29		.12																				
FRENCHBURG	1.48	.30	.02	.32	.75	.04	.05		.57	.11																							
GEORGETOWN WATER WORKS	1.55				.02	.85			.57																								
GEST LOCK 3	2.13	T		.61	.10	.45			.96								.01																
GLASGOW	2.04	.03	.90		.03				.20								.50																
GLASGOW WKAY	2.38	.32			.05				.15								1.49																
GLENDALE	.64		.03	.02		.48			.11																								
GOLDEN POND 8 N	.44				.02				.39																								
GRANT DAM 38	.73								.73	T							T																
GRAYSON	1.48	.75		.05	.09	.07	T		.45	.07							T																
GREENSBURG	1.83		.10		.55				.05	.73							.40																
GREENSBURG HWAY 61 BR	1.18		.10		.34				.11	.34																							

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
AUGUST 1953

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RUSSELLVILLE SUBSTA	.39									.39																						
ST JOHN BETHLEHEM ACAA	1.62	.73			.05	.74				.10																						
SALVISA LOCK 6	3.85	.55			2.00	.49	T	T		.56																						
SALYERSVILLE 2	2.05		.09	.62	.05	.77	.01			.01	.02								.25													
SCOTTSVILLE	1.01	.04								.45									.48				.52									
SEABREE WATER WORKS	.82				.04	.14				.33	.29																					
SHANNEE STEAM PLANT	1.34					.11				1.12	.11								.02													
SHELBYVILLE 2 W	1.84	.32		T	.32	.34				.72	.12														.02							
SHEPHERDSVILLE	1.44		.16		.09	.90		.19											.10													
SOMERSET 1 N	2.07					1.30				.15									.52				.10									
SPRINGFIELD	1.80			.12	.13	.92				T	.11								.47													
STEARNS 2 N	1.26				.29			.06																								
SUMMER SHADE	1.19	.63	.01		.23					.13	.02										.40				.15	.05						
SUMMER SHADE SUBSTA	1.02	.37	.20			.30				.15	T																					
TAYLORSVILLE	1.59	.30	.11		.77	.27	.02			.10									.02													
TOMPKINSVILLE 2	1.18	.47	.12			.14		.15																								
TURKEY CREEK SCHOOL	1.48		.06			.69				.63																						
TYRONE LOCK 5	1.91				.95	.82				.04																						
UNIONTOWN DAM 49	.90					.04				.60	.26								.10													
VALLEY VIEW LOCK 9	1.92	.81		T	.31	.50				.30																						
VANBUREN	1.08	.07		T		.60	.35												.06													
VANCEBURG DAM 32																																
WAYNESBURG 6 E	2.25					.81				.04	1.00																					
WEST LIBERTY WATER WKS	2.00	.06	.14	.23	.69	.30				.14	.19								.40													
WESTPORT	1.23				.61	.32		.30											.45													
WILLIAMSBURG	1.22	.42	.06	.01		.50				.05	.04																					
WILLIAMSTOWN	1.61		.13	1.08						.40																						
WILLOW LOCK 13	2.07	.26			.53	.28	.03																									
WOLF CREEK DAM	1.06					.36				.02																						
WOODBURY LOCK 4	.69		.12			.02				.18	.37								.62						.06							



# DAILY TEMPERATURES

KENTUCKY  
AUGUST 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	94 70	93 70	96 71	88 71	82 72	79 63	87 61	80 64	76 57	84 57	87 61	89 61	89 63	91 62	92 60	92 62	82 63	82 56	83 51	83 50	86 52	90 59	88 59	92 57	94 57	96 53		98 56	97 62	98 61	100 62	88.9 60.8
ASHLAND OAM 29	MAX MIN	96 73	92 69	90 69	94 70	92 70	78 67	85 66	82 65	78 60	84 58	85 63	92 62	90 67	88 66	92 63	89 64	82 66	77 54	77 51	79 52	84 53	84 55	87 59	85 61	86 52	92 59	95 61	96 58	99 61	100 62	87.8 62.5	
BARBOURVILLE	MAX MIN	90 67	90 64	93 64	90 66	90 66	85 66	86 65	85 61	73 58	81 54	85 54	87 53	89 59	89 59	91 57	94 56	80 65	80 60	77 51	80 47	80 52	83 58	85 57	86 55	88 52	90 51	95 49	95 54	97 55	100 54	87.3 57.6	
BARDSTOWN S J PREP SCH	MAX MIN	97 70	95 68	96 71	96 70	90 69	83 63	88 64	88 64	83 54	87 54	91 57	92 59	93 61	93 62	97 56	84 61	84 65	83 59	85 51	88 59	91 60	93 58	95 56	96 57	98 55	100 58	99 61	98 63	102 62	91.9 60.3		
BAXTER	MAX MIN	94 69	90 67	92 67	91 70	90 67	86 67	85 67	85 64	81 61	75 55	83 56	88 59	88 60	91 61	91 60	92 57	94 67	80 63	83 52	80 54	82 54	85 58	85 59	85 56	87 53	90 50	93 56	92 56	95 55	95 56	87.7 60.0	
BEAVER OAM	MAX MIN	99 71	98 71	100 72	97 74	86 71	87 63	93 62	84 65	82 55	87 60	92 56	92 59	95 65	95 66	98 65	99 62	92 64	86 52	86 51	89 52	90 59	93 58	98 55	96 55	97 55	99 56	99 56	101 60	102 64	93.4 60.9		
BENHAM	MAX MIN	98 66	92 67	92 65	91 68	95 69	89 69	85 69	90 64	87 58	85 54	85 55	90 55	92 58	92 60	93 59	97 56	98 57	80 59	84 53	81 46	81 53	83 58	85 60	84 58	87 50	92 54	91 55	95 55	96 56	101 63	90.0 58.5	
BEREA COLLEGE	MAX MIN	94 71	94 68	93 72	93 71	84 72	83 65	85 64	82 67	78 56	84 62	89 58	92 60	93 63	92 61	96 60	98 63	86 63	86 55	84 50	86 46	89 53	88 60	91 59	94 55	95 56	97 58	98 59	98 60	100 61	102 68	91.0 61.5	
BOWLING GREEN CAA AP	MAX MIN	92 70	92 70	95 73	94 73	86 70	85 67	90 69	85 70	81 61	85 58	89 59	92 60	94 64	95 66	96 62	98 64	84 67	82 62	86 57	88 53	89 59	91 61	92 62	94 59	95 67	96 60	96 62	96 62	97 66	100 64	90.6 63.5	
BURGIN OIX OAM	MAX MIN	96 71	95 69	95 71	93 71	89 72	83 63	87 65	87 66	79 58	86 57	90 59	91 60	94 62	94 63	96 60	98 63	86 66	84 57	84 51	89 49	89 53	90 56	91 57	95 54	96 54	98 55	100 56	100 62	101 61	102 63	91.8 60.4	
CAMPBELLSVILLE	MAX MIN	93 67	93 64	95 67	94 66	86 59	85 67	89 61	83 61	81 51	90 55	92 55	95 58	96 60	97 59	98 57	92 62	86 56	82 48	84 50	88 48	88 50	92 54	93 54	95 55	97 55	96 54	98 55	97 56	98 57	102 68	90.8 57.7	
CARROLLTON LOCK 1	MAX MIN	100 72	97 70	95 71	88 72	83 74	78 66	88 64	85 64	80 58	86 59	87 60	90 60	93 63	93 65	95 60	90 63	84 63	80 54	82 49	85 50	89 53	90 58	93 55	95 57	91 57	96 54	97 58	97 58	100 60	101 61	89.9 60.5	
CLERMONT 1 SSE	MAX MIN	95 69	97 71	96 69	96 72	85 70	83 64	90 64	89 64	80 54	88 56	91 56	92 57	89 64	93 60	97 56	96 65	88 60	84 53	83 46	82 46	83 51	91 55	92 56	93 54	95 53	97 52	98 53	100 55	100 56	101 61	91.7 58.3	
CORBIN CAA AIRPORT	MAX MIN	91 66	90 63	93 65	91 69	84 69	84 67	85 62	83 61	76 57	82 52	88 54	89 56	90 58	90 58	92 56	95 56	80 63	82 59	79 51	81 48	85 53	78 59	85 58	92 52	90 52	91 52	95 55	95 57	96 56	99 59	87.5 58.0	
COVINGTON W 8 AIRPORT	MAX MIN	95 71	96 69	96 71	87 72	79 67	80 64	87 62	79 65	78 58	86 60	88 58	91 66	92 66	89 64	91 62	90 62	83 62	80 50	82 49	82 54	85 53	90 57	92 61	93 60	94 61	95 60	98 63	99 65	96 67	89.3 62.5		
CYNTHIANA 2 SW	MAX MIN																																
DANVILLE	MAX MIN	98 70	94 68	94 70	93 70	91 71	85 63	82 64	87 65	81 57	80 57	85 59	89 60	91 63	92 63	93 60	95 63	98 65	85 57	83 53	83 50	85 53	88 54	87 59	90 58	94 58	95 60	96 61	97 62	98 63	98 65	98 65	90.5 61.5
DEWEY OAM	MAX MIN																																
FARMERS	MAX MIN	95 68	93 66	94 66	93 68	88 70	82 60	87 62	86 57	81 55	86 57	88 57	92 57	93 60	92 61	94 59	93 61	85 64	82 49	78 44	80 44	86 51	89 53	89 50	90 51	90 51	94 52	97 55	97 55	99 55	101 58	90.1 57.1	
FORDS FERRY OAM 50	MAX MIN	99 74	99 75	94 75	97 77	85 71	86 63	94 66	86 67	83 58	85 62	92 63	89 67	91 69	94 66	95 64	92 69	83 68	87 59	83 59	89 55	92 65	97 63	96 63	98 62	97 62	99 63	99 63	99 71	100 68	91.9 65.6		
FRANKFORT LOCK 4	MAX MIN	101 71	97 71	97 71	98 71	91 64	90 64	81 64	87 64	84 59	79 59	87 59	89 60	92 61	94 65	95 60	97 61	95 65	84 50	84 50	85 50	88 50	91 55	91 55	94 56	96 56	98 57	98 59	99 60	100 60	91.7 60.2		
GLASGOW WKAY	MAX MIN	92 71	91 69	94 72	93 71	85 66	85 66	89 66	86 65	81 55	85 58	91 61	90 58	94 63	93 66	96 61	95 62	83 65	83 56	81 53	86 59	86 60	89 60	90 57	91 58	94 57	94 57	96 61	95 61	96 62	98 62	89.9 62.3	
GOLOEN PONO 8 N	MAX MIN	100 72	100 73	100 72	99 74	92 71	90 60	96 62	94 68	84 54	90 56	93 56	94 61	97 65	101 66	104 67	91 68	85 68	86 57	87 52	91 49	88 60	93 60	98 59	98 55	100 55	99 56	99 56	100 63	103 66	95.1 61.6		
GRAYSON	MAX MIN	95 67	93 67	94 68	92 68	88 61	80 66	87 64	83 64	79 54	83 56	88 54	93 58	92 60	91 62	93 57	91 60	81 63	79 46	78 46	81 50	88 54	88 52	90 54	91 52	94 53	96 57	96 58	99 57	102 61	101 59	89.5 58.8	
GREENSBURG	MAX MIN	98 70	96 68	93 70	96 73	86 69	86 65	90 66	82 65	79 56	84 57	89 60	91 58	95 62	94 64	96 62	98 68	83 63	81 52	81 48	86 50	88 54	88 55	90 55	91 55	93 55	95 55	95 57	98 58	99 62	99 62	90.3 60.5	
GREENVILLE 2 W	MAX MIN	97 71	97 71	97 70	96 71	83 70	86 63	91 63	85 64	80 54	85 58	91 60	93 65	93 62	97 58	96 60	87 64	85 60	84 54	85 49	89 54	90 59	91 59	95 52	95 58	98 57	99 57	99 61	100 65	101 60	91.9 60.9		
HEIOELBERG LOCK 14	MAX MIN	95 94	94 68	91 67	92 69	90 71	85 67	87 65	87 64	79 58	85 54	89 59	91 60	93 60	92 58	97 59	92 66	83 59	82 49	83 47	88 52	85 56	88 53	90 52	93 52	94 52	95 56	98 57	98 56	99 59	98 60	90.5 60.0	
HENDERSON 4 SW	MAX MIN	97 72	97 74	98 75	94 75	85 68	84 64	92 66	84 65	88 56	88 57	90 54	88 60	94 62	95 62	86 63	86 63	84 52	87 53	88 51	88 51	92 59	95 58	96 58	97 58	97 58	98 60	98 62	98 67	101 65	92.0 62.4		
HICKMAN 1 E	MAX MIN	98 74	99 68	98 70	96 75	95 74	90 64	82 62	93 66	85 57	85 55																						

# DAILY TEMPERATURES

KENTUCKY  
AUGUST 1953

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAMMOTH CAVE PARK	MAX	94	94	96	95	88	85	91	88	81	86	92	93	94	96	98	100	86	85	84	85	89	88	89	92	93	95	98	97	97	98	100	91.8
	MIN	70	68	71	73	70	63	64	63	55	54	55	57	61	63	59	61	63	60	51	47	51	58	57	57	54	54	53	55	59	60	60	59.5
MANCHESTER 4 SE	MAX	97	95	96	94	88	86	90	86	79	85	90	94	95	93	96	99	83	85	82	83	88	79	89	91	93	95	97	98	99	99	101	91.1
	MIN	65	63	63	64	68	67	64	59	58	52	53	53	56	56	55	54	66	56	47	44	48	55	58	49	47	49	48	51	56	55	58	56.0
MAYFIELD 2 S	MAX	96	96	95	95	88	87	93	90	82	87	91	96	95	97	99	100	90	85	84	86	90	91	91	95	97	97	98	97	95	98	102	93.0
	MIN	73	72	73	71	69	62	62	67	56	59	60	63	70	65	63	65	68	62	58	58	58	65	64	61	65	65	66	62	65	68	67	64.6
WAYSVILLE DAM 33	MAX	94	94	91	90	89	83	77	83	75	77	83	84	88	89	88	89	86	81	76	79	78	81	86	84	85	87	89	91	92	96	97	85.9
	MIN	69	67	70	69	70	66	61	64	59	57	57	60	60	66	59	61	62	50	49	48	52	52	55	59	58	59	57	60	60	61	61	59.9
MIDDLESBORO	MAX	91	95	94	93	90	91	87	87	80	85	90	92	93	94	95	97	84	84	83	86	86	85	89	91	93	93	95	95	97	98	98	90.7
	MIN	68	64	69	70	69	66	65	63	59	55	56	57	59	61	58	55	66	64	57	50	57	62	57	54	53	53	54	54	54	53	57	59.3
MOUNT STERLING	MAX	97	96	95	91	86	88	86	82	79	86	88	92	92	91	93	94	94	86	88	86	87	90	90	91	92	95	97	99	100	101	102	91.4
	MIN	69	68	69	69	69	64	61	60	55	57	56	60	62	64	65	60	61	57	56	55	50	56	58	55	57	57	59	63	63	63	64	60.7
MURRAY	MAX	102	102	100	102	89	91	98	86	83	89	90	95	96	98	99	101	88	83	83	87	90	91	95	95	99	98	98	96	97	99	101	94.2
	MIN	75	73	73	73	72	64	64	67	58	59	59	62	68	65	61	63	58	65	56	52	52	63	63	61	59	58	60	59	58	60	63	62.7
OWENSBORO 2 W	MAX	98	98	99	93	84	89	93	85	84	89	93	90	96	93	99	95	89	88	88	89	90	89	94	97	98	99	99	100	98	98	102	93.4
	MIN	73	75	74	73	70	66	66	66	57	62	68	63	64	64	60	65	60	64	55	56	56	63	59	62	61	59	62	60	62	67	63	63.4
PAOUCAH CAA AIRPORT	MAX	91	96	95	95	87	84	91	82	83	87	90	89	92	92	97	98	85	84	84	85	89	85	89	93	95	97	97	95	93	95	100	90.8
	MIN	75	77	78	74	70	63	65	60	59	61	65	67	70	66	68	69	70	67	59	56	56	64	65	63	65	63	63	62	63	72	70	66.0
PAOUCAH	MAX	101	99	99	98	92	88	85	94	82	83	88	91	92	95	97	100	99	85	87	85	87	90	85	88	95	97	99	97	98	96	98	92.6
	MIN	76	76	74	73	72	63	64	64	59	59	61	63	64	64	63	66	69	68	60	56	59	63	64	62	61	59	60	61	62	73	67	64.7
PIKEVILLE	MAX	93	91	93	95	90	83	89	86	81	86	90	94	94	93	94	98	83	86	81	84	87	86	90	89	94	93	94	95	100	100	100	90.7
	MIN	71	71	71	71	73	70	70	68	65	61	63	62	64	64	66	63	68	63	55	52	56	59	62	61	57	58	59	60	62	61	63	63.5
PRINCETON	MAX	100	100	98	99	90	89	96	85	81	90	92	92	97	97	102	101	87	81	88	89	88	82	94	97	98	100	99	99	99	99	102	93.9
	MIN	71	71	71	70	68	60	63	61	55	57	57	60	65	64	63	65	67	62	54	55	59	60	62	58	56	56	55	57	61	61	62	61.5
RICHMOND E STATE COL	MAX	96	95	94	96	93	85	83	85	80	78	83	88	90	93	92	95	96	85	82	82	84	87	89	88	92	93	94	95	96	97	98	89.8
	MIN	70	70	70	70	72	63	66	65	57	56	58	58	61	63	61	62	68	56	50	50	53	59	59	55	55	55	57	60	62	61	63	60.8
RUSSELLVILLE	MAX	98	97	99	98	86	90	94	85	83	89	91	93	94	95	99	101	87	85	85	87	90	91	92	94	96	96	98	98	98	100	102	93.3
	MIN	72	70	73	74	71	62	64	66	60	59	56	60	62	62	58	61	66	66	53	49	53	54	58	59	55	56	57	58	62	63	60	61.3
ST JOHN BETHLEHEM ACAD	MAX	93	91	96	95	94	83	85	89	85	79	86	90	91	91	94	93	95	85	82	82	82	87	88	90	92	95	93	96	97	97	99	90.2
	MIN	70	72	70	72	69	64	63	62	53	54	54	58	62	63	57	62	60	59	51	54	53	58	60	55	54	55	55	60	63	65	64	60.4
SCOTTSVILLE	MAX	93	95	98	96	88	87	92	87	80	85	89	90	94	95	96	97	85	83	83	84	87	89	88	89	90	94	96	95	96	98	97	90.8
	MIN	71	69	72	73	72	66	64	67	57	58	57	61	64	66	62	63	68	62	56	48	56	64	63	62	60	58	61	61	65	64	64	63.0
SHELBYVILLE 2 W	MAX	95	95	97	89	82	83	87	80	77	85	89	89	93	90	94	93	86	83	83	85	89	91	91	94	97	98	100	100	101	100	102	90.9
	MIN	69	70	70	72	72	64	63	64	57	57	60	62	64	65	60	65	64	56	52	53	54	59	60	60	60	61	63	63	64	66	69	62.5
SOMERSET 1 N	MAX	91	92	92	91	86	85	86	83	77	84	87	90	91	92	92	95	84	82	80	81	85	81	87	88	90	92	94	95	94	96	97	88.4
	MIN	68	64	68	70	69	64	63	65	57	54	55	57	59	61	56	58	66	60	50	49	56	63	55	54	52	55	59	57	58	57	61	59.4
SUMMER SHADE	MAX	93	92	96	95	86	87	91	83	80	86	90	92	95	95	96	97	84	84	61	83	86	88	89	90	93	95	97	96	97	98	99	90.8
	MIN	70	68	73	72	66	69	66	63	54	53	53	56	61	62	61	61	63	60	58	50	60	60	59	58	55	58	58	59	62	68	68	61.4
VANCEBURG DAM 32	MAX																																
	MIN																																
WEST LIBERTY WATER WKS	MAX	96	98	96	95	92	90	88	86	85	87	87	90	94	94	92	93	97	90	88	82	82	82	84	87	91	92	94	94	96	98	103	91.1
	MIN	66	65	64	64	62	60	58	59	55	54	54	59	57	57	56	57	62	56	54	45	50	50	50	48	49	50	52	55	58	57	58	56.2
WILLIAMSBURG	MAX	93	93	95	93	90	86	87	85	77	83	88	90	91	92	92	94	93	83	82	83	86	83	82	88	93	92	94	94	96	98	99	89.5
	MIN	68	67	67	72	69	70	67	65	60	57	59	60	63	62	59	59	67	62	54	51	53	63	64	57	55	56	58	57	58	57	61	61.2
WILLIAMSTOWN	MAX	95	94	96	96	86	83	83	86	85	83	86	90	90	92	90	90	90	83	79	81	82	85	90	90	92	93	94	96	97	97	99	89.5
	MIN	71	69	72	72	72	64	68	63	56	60	62	62	64	67	67	69	62	56	56	56	57	62	63	63	63	65	66	68	67	66	66	64.3
WOLF CREEK OAM	MAX	96	94	91	96	94	87	88	90	85	82	86	90	94	94	94	96	99	82	85	82	84	88	86	90	92	93	95	97</				



## STATION INDEX

KENTUCKY  
AUGUST 1953

Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 54	380			8A CORPS OF ENGINEERS	3 C	LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979			MID U.S. WEATHER BUREAU	2 5 7 C
ADOLPHUS 1 N	0043	ALLEN	7	37 59	86 56	600			7A JOEL M. O'EARING	3 C	LIBERTY	4755	CASEY	3	37 21	84 55	-			7A PALLIA L. HANKLA	3 C
ALBANY	0063	CLINTON	2	36 41	85 08	950			7A MRS. BARBARA M. COOL	3 C	LITTLE HICKMAN LOCK 6	4823	JESSAMINE	4	37 45	84 35	560			7A CORPS OF ENGINEERS	3 C
ALLEN	0098	FLOYD	1	37 35	82 43	450			8A NANNIE AUKER	2 5 7	LOCKPORT LOCK 2	4837	HENRY	3	38 26	84 58	485			6A CORPS OF ENGINEERS	3 C
ANCHORAGE	0155	JEFFERSON	7	36 16	85 33	700			7P C. E. BARRET	2 5 7	LOCKYER LOCK 1 S	4882	CLARK	4	37 51	84 02	-			MID MRS. H. BURGER	3 C
ASHCAMP	0248	PIKE	1	37 16	82 26	1100			8A MARY S. RATLIFF	3 C	LONDON 5 SW	4593	LAUREL	2	37 06	84 08	-			MID U.S. FOREST SERVICE	3 C
ASHLAND DAM 29	0344	BOYD	7	36 27	82 36	554			7A CORPS OF ENGINEERS	2 5 7	LOUISA	4743	LAWRENCE	2	38 07	82 37	584			8A JULIUS M. RAMKIN	3 C
BARBOURVILLE	0361	KNOX	2	36 32	82 58	1000			6P UNION COLLEGE	2 5 7	LOUISA 2	4946	LAWRENCE	1	38 07	82 57	600			7A FRED PERRY	3 C
BARTONVILLE	0397	NELSON	6	37 40	83 25	697			6P ST. JOSEPH PREP SCH	2 5 7	LOUISVILLE BONMAN FLD	4951	JEFFERSON	3	38 15	85 40	485			MID CORPS OF ENGINEERS	2 5 7 C
BAXTER	0430	HARLAN	6	36 51	83 20	1164			7A C. W. KNER NOLAN	2 5 7	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 42	465			MID U.S. WEATHER BUREAU	2 5 7 C
BEAVER DAM	0490	ONTIO	3	37 25	86 52	441			6P E. G. YOUNG	2 5 7	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403			8A CORPS OF ENGINEERS	3 C
BEHMAN	0595	MARLAN	4	36 58	86 26	1550			8A C. C. WHITEAKER	2 5 7	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 15	85 46	457			MID U.S. WEATHER BUREAU	2 5 7 C
BENTON	0611	MARSHALL	9	36 51	88 20	770			MID JAMES H. MILLER	2 5 7	LOUISVILLE	4967	BALLARD	6	36 58	88 50	570			6P BRADINE MALONE	2 5 7 C
BREA COLLEGE	0619	MADISON	4	37 34	84 16	1070			6P JAMES A. GROSSMAN	2 5 7	LUCAS	5002	BARREN	3	36 53	86 02	-			MID WILLARD E. FOSTER	2 5 7 C
BREA WATER WORKS	0624	MADISON	4	37 34	84 16	1100			7A MRS. L. B. GIFFARD	2 5 7	MADISONVILLE 1 SE	5067	HOPKINS	3	37 19	87 29	455			7A HONER WELBORN, JR.	2 5 7 C
BOWLING GREEN	0904	WARREN	3	37 01	86 26	556			7A JAMES R. EDWARDS	3	MAMMOT CAVE PARK	5097	EDMONSON	3	37 11	86 06	800			5P NATIONAL PARK SVC	2 5 7
BOWLING GREEN SUBSTA	0909	WARREN	3	37 01	86 26	470			7A TVA-699	3	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850			7A NORA S. WHITE	2 5 7
BOWLING GREEN MTR WKS	0914	WARREN	3	37 00	86 26	505			MID CIVIL AERO. ADM.	2 5 7	MAYFIELD SUBSTATION	5230	GRAVES	6	36 44	88 39	364			5P MRS. JOE PAYNE	2 5 7
BRENT DAM 3H	0978	CAMPBELL	7	39 03	84 25	489			MID CITY BOWLING GREEN	3 C	MAYFIELD 2 S	5252	GRAVES	6	36 42	88 36	342			8A CORPS OF ENGINEERS	2 5 7 C
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	1000			7A CORPS OF ENGINEERS	3	MAYFIELD DAM 55	5245	MASON	7	36 38	88 32	524			BA CORPS OF ENGINEERS	2 5 7 C
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1636			7A STINSON SKAGGS	3	MC KEE	5291	JACKSON	2	37 26	84 10	1000			MID MRS. W. MORAN	3 C
BURKESVILLE	1122	PIKE	1	37 13	82 35	1636			8A EDWIN E. JOHNSON	2 5 7	MC KINNEYSBURG	5301	PENDELTON	3	36 36	84 16	-			MID EDWARD C. GIFFORD	2 5 7 C
BURNSVILLE	1137	CUMBERLAND	2	36 47	85 32	600			8A C. W. WILLIAMS	2 5 7	MIDLESBORO RR STA	5389	BELL	2	36 37	83 43	1130			5P LON L. HERRELL	2 5 7
BURNSVILLE	1137	CUMBERLAND	2	36 47	85 32	600			7A HARVIN M. LEWIS	3	MIDWAY	5394	BELL	2	36 37	83 43	1130			MID SNEED C. PRIAR	2 5 7
BURNSVILLE	1137	CUMBERLAND	2	36 47	85 32	600			7A THOMAS A. LEE	3	MIDWAY	5407	WOODFORD	4	36 09	84 41	-			MID CITY OF MIDWAY	2 5 7
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424			7A CORPS OF ENGINEERS	3	MILLERSBURG	5430	BOURBON	2	36 16	84 09	-			MID DAVID C. BAILEY	3 C
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424			7A CORPS OF ENGINEERS	3	MILLERSBURG	5430	BOURBON	2	36 16	84 09	-			7A MRS. O. LAMLER	3 C
CARROLL LOCK 1	1345	CARROLL	4	36 41	85 11	450			6A CORPS OF ENGINEERS	2 5 7	MONTICELLO	5524	MAYNE	2	36 50	84 51	910			MID F. O. COOPER	3 C
CENTRAL CITY	1439	MULLENBERG	3	37 17	87 07	-			MID JAMES F. PRICE	2 5 7	MOREHEAD STATE COLLEGE	5555	ROMAN	3	36 11	83 26	770			MID C. MAGGON	2 5 7
CLEMONT 1 SE	1611	BULLITT	6	37 55	85 40	474			5P BERNHEIM FOUNDATION	2 5 7	MOUNT STERLING	5640	MONTGOMERY	3	36 04	83 56	930			5P FRED CARTWILL	2 5 7
CLINTON	1631	NICKMAN	6	36 41	89 00	370			MID WOODSON D. FRANKLIN	3	MURFORDVILLE	5684	HART	3	37 16	85 53	600			7A HUBERT E. HODGES	2 5 7
COLLEGE HILL LOCK 11	1722	ADAIR	3	37 06	85 18	729			7A CORPS OF ENGINEERS	2 5 7	MURRAY	5684	CALLOWAY	3	36 36	86 20	600			6P MURRAY WATER SYSTEM	2 5 7
CORBIN CAA AIRPORT	1801	WHITLEY	2	36 58	86 40	1170			7A MRS. HAZEL B. PICKETT	2 5 7	OLIVE HILL 1 NW	6012	CARTER	7	36 18	85 11	752			MID LOTT A. ORA HOOPER	2 5 7
COVINGTON WB AIRPORT	1853	ROANE	6	37 04	84 40	860			MID CIVIL AERO. ADM.	2 5 7	OLNEY	6020	HOPKINS	7	37 14	87 47	360			8A ART O. WILLIAMS	2 5 7
CUMBERLAND FALLS ST PK	1989	HARRISON	5	36 23	84 19	684			MID U.S. WEATHER BUREAU	2 5 7	ONEIDA DAM 35	6093	CAMPBELL	7	38 38	84 18	497			8A CORPS OF ENGINEERS	2 5 7
CYNTHIANA 2 SW	2003	HARRISON	5	36 23	84 19	712			SP KY DEPT. OF CONS.	3	OWENSBORO 2 W	6091	DAVIES	7	37 48	87 09	420			7A VIRGIL G. CLARE	2 5 7
DANVILLE	2053	MARTIN	1	37 48	82 32	-			SP ECKLAR-WOODIE EXP CO	2 5 7	OWENSBORO DAM 46	6096	DAVIES	7	37 47	87 09	420			MID CORPS OF ENGINEERS	2 5 7
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1780			MID BERTHA DE LONG	2 5 7	PAUDACH CAA AIRPORT	6110	MC CRACKEN	4	37 04	86 48	410			MID CIVIL AERO. ADM.	2 5 7
DEWEY DAM	2180	FLOYD	1	37 25	82 48	650			SP HATTIE B. BARNEY	2 5 7	PAUDACH	6115	MC CRACKEN	7	37 06	86 37	340			6A WESTERN P. LUCKEY	2 5 7
DONOR	2356	MULLENBERG	3	37 05	87 00	610			7A CORPS OF ENGINEERS	2 5 7	PAUDACH ARMY	6117	MC CRACKEN	7	37 07	86 35	344			MID CITY OF PAUDACH	2 5 7
DUNNVILLE	2374	CASEY	3	37 13	84 58	-			8A L. D. GIVENS	3	PAINEVILLE	6136	JOHNSON	1	37 49	82 48	620			7A JESSE FAIRCHILD	2 5 7
EDDYVILLE LOCK F	2443	LYON	3	37 03	86 13	420			7A CORPS OF ENGINEERS	2 5 7	PIKEVILLE	6136	JOHNSON	1	37 49	82 48	620			6P U.S. WEATHER BUREAU	2 5 7
EDMONSON	2449	NETCALFE	4	37 00	85 37	750			7A J. L. HUFF	2 5 7	PIKEVILLE	6136	JOHNSON	1	37 49	82 48	620			7A F. PARTIN	2 5 7
ELKHORN CITY	2526	PIKE	1	37 16	82 21	792			7A N. D. GIVENS	3	PRINCETON	6575	CALDWELL	2	37 06	87 53	529			5P ALTON M. HARVILL	2 5 7
FALMOUTH	2775	PENDELTON	5	38 40	84 20	560			8A L. D. GIVENS	3	RAVANA LOCK 12	6678	ESTILL	4	37 40	83 57	631			7A CORPS OF ENGINEERS	2 5 7
FARMERS	2791	ROMAN	5	38 09	83 33	668			8A LINNIE D. TARTER	3	RICHMOND E STATE COL	6805	MADISON	4	37 44	84 16	1085			8A THOMAS C. HERNDON	2 5 7
FLEMINGSBURG	2905	FLEMING	3	38 25	83 44	870			MID LENA BLAIR	2 5 7	RUNSEY LOCK 2	7093	MC LEAH	3	36 51	86 59	590			6P W. B. PORTER	2 5 7
FLEMINGSBURG P. O.	2953	MADISON	4	37 53	84 15	593			7A CORPS OF ENGINEERS	2 5 7	RUSSELLVILLE	7046	LOGAN	3	36 51	86 59	590			7A TWA-683	2 5 7
FORD LOCK 10	2953	MADISON	4	37 53	84 15	593			8A HARVEY J. FAHNER	3	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576			7A ESTILL B. SCOTT	2 5 7
FORDS FERRY DAM 50	3026	FRANKLIN	4	38 13	84 52	504			7A FRANK H. LAWSON	3	SADIEVILLE 2 W	7074	SCOTT	4	36 25	84 35	-			7A SISTER M. MELITHIA	2 5 7
FRANKFORD WATER WORKS	3026	FRANKLIN	4	38 13	84 52	504			7A MRS. C. C. STAMPER	2 5 7	ST JOHN BETHLEHEM ACAD	7091	HARIN	8	37 42	85 59	777			MID ST MARY COLLEGE	2 5 7
FREEDMAN	3046	PIKE	1	37 34	82 08	727			7A BYRON F. FLEMING	3 C	ST MARY	7096	MARION	6	37 55	85 21	730			7A CORPS OF ENGINEERS	2 5 7
FRENCHBURG	3052	MENIFEE	5	37 57	83 39	930			MID MURICE R. CARPENTER	2 5 7	SALVIA LOCK 5	7121	MERCER	4	37 56	84 49	520			7A STANLEY GARDNER	2 5 7
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	880			6A CORPS OF ENGINEERS	2 5 7	SALVIAVILLE 2	7129	MAGOFFIN	3	37 45	83 04	900			7A ESTILL B. SCOTT	2 5 7
GEST LOCK 3	3205	HENRY	4	38 25	83 55	490			6A CORPS OF ENGINEERS	2 5 7	SCOTTSVILLE	7215	ALLEN	3	36 45	86 12	770			5P NORBLE ALLEN	2 5 7
GLASCO	3241	BARREN	3	37 00	85 55	700			6A CORPS OF ENGINEERS	2 5 7	SEEBEE WATER WORKS	7234	WEBSTER	3	37 56	87 52	360			5P SEEBEE WATER WORKS	2 5 7
GLASCO WKA	3248	BARREN	3	37 00	85 55	700			6A CORPS OF ENGINEERS	2 5 7	SHANNEE STEAM PLANT	7511	MC CRACKEN	7	37 09	86 47	955			7A TWA-708	2 5 7
GOLDEN POND 8 N	3252	HARIN	3	37 36	85 05	700			6A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			7A WILMA A. A. RATT	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			7A OVO K. MAGROUER	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			MID F. W. SIMPSON	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			MID CORPS OF ENGINEERS	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			6P RADIO STA WSCF	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			7A FAYE PAULINE SMITH	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			6P CHAS. H. MC MURTRY	2 5 7
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	340			7A CORPS OF ENGINEERS	2 5 7	SHELVILLE 2 W	7524	SHELBY	6	38 13	85 16	825			MID R. C. GEDMAN	2



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 55° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 5, 7 and the Station index. No record in Tables 2 and 6 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

S Adjusted to a full month.

C in the "Refer to Tables" column in the Station index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 10/2/53 --- 800



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NOV 11 1953

# CLIMATOLOGICAL DATA

## KENTUCKY

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SEPTEMBER 1953  
Volume XLVIII No. 9



NAT.  
HIST.

O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The most important features of the weather conditions prevailing during September were the remarkably high temperatures that were recorded at the beginning and end of the month and the unusual dryness which prevailed throughout the month. The temperature averaged slightly below normal but many locations had the highest temperature ever recorded in September during the first three days. Also the record maximum temperatures for the day were broken at several locations on the last two days. The high of 106° for the State equalled the second highest ever recorded and was the highest since 1925. Rainfall was less than one half of normal for the month and the sixth lowest since 1889. The droughty conditions, which began to assume serious proportions during the preceding month in the western sections, continued through September and by the end of the month had spread to northern and eastern parts of the State. There were but two periods of general rains of any consequence during the entire month.

The abnormally hot, dry weather at the close of the previous month continued for the first three days in September. Maximum readings of 100° or above were recorded by virtually all stations from the 1st through the 3rd. The 103° marks at Louisville on the 1st and 2nd exceeded any previous September readings in records dating back to 1871. Other locations with long term records also established new September maximum temperature readings. Rapidly moving cold air from the northwest brought an abrupt end to the heat wave as it moved southeastward across the State on the 4th. From the 4th through the 28th, considerable temperature variation was the rule with daily averages generally below normal but with short periods of mid-summer warmth in between the cold spells. On the 14th, minimums generally were in the upper 30's and low 40's and were the coolest since the last week in April. On the 22nd and 23rd minimum temperatures were again generally unseasonably low. A marked warming trend set in on the 29th and continued to the end of the month with record or near record temperatures being reported again. The mean temperature for the State was 69.8° which is 0.4° below normal. The monthly mean temperatures ranged from 73.9° at Mayfield 2 S to 65.4° at Maysville Dam 33. The highest temperature reported in the State was 106° at Princeton on the 1st and Frankfort Lock 4 on the 2nd; the lowest was 32° at Hindman Settlement School and West Liberty Water Works on the 23rd.

Rainfall distribution generally showed a

progressive increase going from west to east, ranging from one half to one inch in the western half of the State, and one to two inches in the eastern half. The extreme eastern counties recorded the greatest amounts with totals in excess of two inches. The greatest portion of the rain occurred during the two periods of the 4th-5th and 18th-20th. While precipitation of varying intensity was reported from one location or another on 15 days during the month, average daily amounts of .01 or more were recorded on only 4 days. Cool air influx on the 4th brought very light showers with totals ranging from a few drops to 1/4 inch to the western half of the State. The eastern half fared better with amounts mostly exceeding 2/3 inch. The next period of rainfall was during the 10th and 11th, but totals during this period did not exceed 1/10th inch at any of the stations. A period of general rainfall began on the evening of the 18th and continued until early on the 20th. Amounts recorded ranged from 1/10 inch in northern counties to an average of 1/2 inch in southern and western, and slightly more in eastern counties. Amounts in general were only sufficient to provide a temporary respite to continued loss of soil moisture. On the 25th and 26th, rain was reported again but mostly from eastern counties. The average precipitation for the State was 1.17 inches which is 1.72 inches below normal, making this month the sixth driest September on record and the driest since 1928. The total amounts recorded at the various locations ranged from 3.42 inches at Inez in Martin County to zero at Hicksville in Graves County. The heaviest rainfall in any one day was 2.26 inches at Inez reported on the 5th.

Weather conditions during the month were unfavorable for farm prospects. Pastures deteriorated rapidly and were practically gone in Western Kentucky at the month's end. Stock water was very low and many farmers were having to haul water. The continued dry weather hampered seeding of small grains. On the other hand, the dry weather was generally favorable for cutting and housing tobacco and also hastened the maturity of corn. The harvesting of corn was well under way by the end of the month, with the crop advanced enough to escape damage from killing frost. Dry weather hurt the soybean crop and a considerable acreage of this crop originally intended for beans was being cut for hay due to a shortage of other hay and poor bean yield prospects. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
SEPTEMBER 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	SSE	15	9.3	-	-	-	65	75	36	48	3	2	1	0	1	0	7	-	3.5
LOUISVILLE WB AP	S	15	7.0	39	W	12	69	79	37	43	2	2	1	0	0	0	5	80	3.1

# COMPARATIVE DATA

SEPTEMBER

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	72.1	101	36	1.23	-	-	1912	71.0	103	33	2.80	0	10	1935	68.3	99	31	2.75	0	5
1890	67.0	95	36	2.71	-	-	1913	69.6	106	29	2.49	0	7	1936	74.4	101	41	3.57	0	7
1891	69.5	97	42	1.89	-	-	1914	67.8	97	36	2.96	0	9	1937	67.8	98	29	1.84	0	5
1892	68.5	93	38	2.68	-	-	1915	70.7	99	32	3.32	0	6	1938	70.3	101	37	3.52	0	8
1893	69.6	99	35	3.24	-	-	1916	67.2	98	32	3.48	0	7	1939	74.5	105	39	1.26	0	3
1894	71.7	98	37	2.71	-	-	1917	67.7	98	34	2.56	0	6	1940	66.7	100	29	1.97	0	3
1895	73.4	101	27	1.10	0	-	1918	62.8	92	30	2.94	0	5	1941	73.1	99	34	1.16	0	5
1896	68.6	100	31	3.77	0	2	1919	71.5	102	40	1.69	0	8	1942	67.5	95	36	3.24	0	8
1897	72.8	105	31	0.21	0	1	1920	70.8	96	38	3.30	0	4	1943	66.4	104	33	2.58	0	8
1898	73.4	103	42	4.36	0	1	1921	75.5	99	45	5.37	0	9	1944	68.8	96	38	3.88	0	9
1899	68.7	105	27	1.66	0	9	1922	72.7	103	39	2.22	0	13	1945	72.5	101	43	3.44	0	9
1900	74.6	102	35	2.25	0	5	1923	69.8	94	30	2.87	0	5	1946	68.4	95	36	2.52	0	5
1901	68.1	98	33	3.57	0	6	1924	65.3	97	35	4.49	0	8	1947	70.1	103	33	3.04	0	7
1902	67.3	97	29	4.01	0	6	1925	77.2	110	45	2.83	0	10	1948	69.5	98	36	2.09	0	6
1903	69.1	100	32	0.91	0	10	1926	73.5	98	40	3.78	0	9	1949	64.5	91	30	1.84	0	7
1904	71.1	99	34	2.58	0	4	1927	72.2	103	30	2.87	0	6	1950	67.2	92	33	5.01	0	11
1905	70.2	95	36	2.61	0	8	1928	65.5	99	24	0.81	0	3	1951	67.8	103	30	4.31	T	9
1906	73.0	95	45	6.15	0	6	1929	69.5	97	35	4.69	0	11	1952	67.9	98	33	2.42	T	6
1907	69.1	102	35	3.00	0	13	1930	72.6	101	38	2.46	0	8	1953	69.8	106	32	1.17	0	4
1908	71.6	101	30	1.03	0	6	1931	75.1	103	36	2.74	0	5							
1909	67.7	97	32	2.51	0	3	1932	69.5	103	34	3.66	0	8							
1910	71.8	99	38	4.41	0	6	1933	74.3	98	40	5.03	0	9							
1911	74.3	99	46	3.71	0	9	1934	69.2	95	39	4.82	0	10							

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.



## CLIMATOLOGICAL DATA

KENTUCKY  
SEPTEMBER 1953

TABLE 2

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Dte	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
										30° or Above	20° or Above	10° or Below	0° or Below					Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
WESTERN DIVISION																											
BEAVER OAM	89.5	52.3	70.9	-.5	105	1	37	23	19	14	0	0	0	.52	- 2.25	.48	19	.0	0		3	0	0				
FORDS FERRY OAM 50	88.5	58.5	73.5		100	1+	42	22	13	11	0	0	0	.54	- 2.99	.29	19	.0	0		3	0	0				
GOLOEN POND 8 N	91.5	52.7	72.1		105	1+	37	23	16	18	0	0	0	.60		.60	19	.0	0		1	1	0				
GREENVILLE 2 W	88.9	52.8	70.9	-.1	104	1+	39	23	19	12	0	0	0	.83	- 2.15	.48	19	.0	0		2	0	0				
HENDERSON 4 SW	87.7	55.0	71.4	-.5	103	1+	40	22	14	9	0	0	0	.55	- 2.44	.38	4	.0	0		4	0	0				
HICKMAN 1 E	89.6	52.0	70.8		104	2	36	23		16	0	0	0	.19		.15	19	.0	0		2	0	0				
HOPKINSVILLE	89.1	55.9	72.5	.2	104	3	45	22		13	0	0	0	1.09	- 1.97	.46	19	.0	0		4	0	0				
LOVELACEVILLE	89.7	54.0	71.9	.2	102	1	43	23		8	14	0	0	.69	- 2.89			.0	0		5	0	0				
MAISONVILLE 1 SE	88.3	53.7	71.0		102	1	37	23	21	13	0	0	0	.47		.42	19	.0	0		2	0	0				
MAYFIELD 2 S	90.2	57.6	73.9	1.8	102	1+	43	23	9	18	0	0	0	.44	- 2.63	.36	19	.0	0		3	0	0				
MURRAY	90.6	53.7	72.2	.3	104	1	38	23	11	16	0	0	0	.40	- 2.98	.38	19	.0	0		2	0	0				
OWENSBORO 2 W	88.3	55.4	71.9	1.6	104	1	40	13	15	12	0	0	0	.55	- 2.63	.27	19	.0	0		3	0	0				
PADUCAH CAA AIRPORT	87.3	55.9	71.6		102	1	39	23	15	12	0	0	0	.90		.84	19	.0	0		2	1	0				
PAUCAH	89.3	55.1	72.2	-.9	103	2	44	23	15	12	0	0	0	.53	- 2.51	.40	19	.0	0		3	0	0				
PRINCETON	91.1M	52.3M	71.7M	.2	106	1	39	23	16	17	0	0	0	.55	- 2.51	.55	19	.0	0		1	1	0				
RUSSELLVILLE	88.8	52.9	70.9	-.6	104	1	39	23	18	15	0	0	0	1.41	- 1.66	1.17	20	.0	0		2	1	1				
DIVISION			71.8											.64				.0									
CENTRAL DIVISION																											
ANCHORAGE	85.9	53.1	69.5	.9	103	1+	38	22	30	9	0	0	0	.67	- 2.16	.44	19	.0	0		2	0	0				
BAROSTOWN S J PREP SCH	89.8	53.4	71.6		103	1	38	22	18	13	0	0	0	.43		.13	4+	.0	0		7	0	0				
BOWLING GREEN CAA AP	86.9	54.1	70.5	-.2	102	1	44	14+	16	11	0	0	0	.56	- 2.81	.51	19	.0	0		3	1	0				
BURGIN OIX OAM	88.2	54.8	71.5	.1	104	2	40	23	18	13	0	0	0	1.94	- 1.18	1.23	5				5	1	1				
CAMPBELLSVILLE	87.2	49.7	68.5		103	1+	37	22	31	12	0	0	0	1.39		.70	19	.0	0		5	1	0				
CARROLLTON LOCK 1	85.6	53.2	69.4		103	1	38	23	29	10	0	0	0	1.27	- 1.74	1.00	5	.0	0		3	1	1				
CLERMONT 1 SSE	89.7	51.3	70.5		103	1+	36	22	25	13	0	0	0	.65		.40	19	.0	0		4	0	0				
COVINGTON W B AIRPORT	82.5	54.6	68.6	1.3	102	1+	40	13+	44	7	0	0	0	.75	- 2.22	.64	4	.0	0		3	1	0				
OANVILLE	86.1	54.5	70.3	.8	104	3	40	23	11	0	0	0	0	2.22	-.86	1.34	5	.0	0		4	2	1				
FRANKFORT LOCK 4	88.1	50.5	69.3	-.2	106	2	40	24		13	0	0	0	.49	- 2.36	.26	20	.0	0		4	0	0				
GLASGOW WKAY	86.2	54.4	70.3		101	1	41	13	20	10	0	0	0	.82		.65	19	.0	0		4	1	0				
GREENSBURG	85.8	49.7	67.8	- 2.0	101	2	38	23+	10	0	0	0	0	.75	- 2.39	.45	20	.0	0		2	0	0				
IRVINGTON	88.5	55.7	72.1	1.6	104	1	41	13	15	12	0	0	0	.73	- 2.12	.73	19	.0	0		1	1	0				
LEITCHFIELD	87.3	56.4	71.9	1.6	105	1	43	13+	18	11	0	0	0	.97	- 2.23	.80	20	.0	0		4	1	0				
LEXINGTON WB AIRPORT	83.7	56.0	69.9	1.0	101	1	42	22	27	8	0	0	0	1.58	- 1.25	1.09	4	.0	0		4	1	1				
LOUISVILLE WB AP	85.8	55.0	70.4	.2	103	1+	43	23	21	9	0	0	0	.27	- 2.43	.23	19	.0	0		3	0	0				
LOUISVILLE WB CITY	85.0	60.5	72.8	1.7	101	1+	48	22	12	9	0	0	0	.37	- 2.32	.27	19	.0	0		2	0	0				
MAMMOTH CAVE PARK	89.4	51.9	70.7	1.7	104	1	38	22+	17	15	0	0	0	.68	- 2.96	.60	19	.0	0		3	1	0				
ST JOHN BETHLEHEM ACAA	85.9	53.8	69.9	.4	100	3	39	14	9	0	0	0	0	.63	- 2.35	.50	20	.0	0		3	1	0				
SCOTTSVILLE	87.3	54.2	70.8		100	1+	40	22	25	14	0	0	0	1.61		1.45	19	.0	0		3	1	1				
SHELBYVILLE 2 W	87.5	55.6	71.6	2.0	105	1+	41	23+	19	11	0	0	0	.59	- 2.09	.43	5	.0	0		3	0	0				
SOMERSET 1 N	84.4	52.6	68.5		100	2	39	14	30	7	0	0	0	1.55		.76	5	.0	0		5	1	0				
SUMMER SHAOE	85.6	53.3	69.5		101	1+	40	13	25	11	0	0	0	1.30		.52	19	.0	0		4	1	0				
WILLIAMSTOWN	84.3	56.6	70.5	.9	101	1+	40	22	8	0	0	0	0	.87	- 2.09	.70	5	.0	0		3	1	0				
WOLF CREEK OAM	86.0	51.2	68.6		102	3	41	22+	9	0	0	0	0	3.02		2.22	5	.0	0		4	2	1				
DIVISION			70.2											1.04				.0									
EASTERN DIVISION																											
ASHLAND OAM 29	84.7	53.6	69.2	- 1.1	101	3+	39	23	34	7	0	0	0	1.73	-.83	1.30	5	.0	0		3	1	1				
BARBOURVILLE	86.7	48.0	67.4		102	2	34	23	44	11	0	0	0	1.73		1.20	5	.0	0		3	1	1				
BAXTER	82.7	50.4	66.6		98	2+	38	14	7	0	0	0	0	.88		.35	5	.0	0		6	0	0				
BENHAM	85.4	48.4	66.9		103	3	33	14	9	0	0	0	0	2.09		.80	6	.0	0		5	2	0				
BEREA COLLEGE	86.7	54.0	70.4	.6	104	1	38	22+	25	11	0	0	0	1.39	- 1.53	.85	5	.0	0		3	1	0				
CORBIN CAA AIRPORT	84.0	49.0	66.5		99	2	35	22+	56	9	0	0	0	1.42		.57	4	.0	0		4	2	0				
CYNTHIANA 2 SW	87.5	53.2	70.4		101	2	39	22	25	9	0	0	0	1.01		.60	5	.0	0		3	1	0				
OWEY OAM	84.7M	50.6M	67.7M				39	22+	7	0	0	0	0	2.55		1.48	5	.0	0		5	2	1				
FARMERS	86.2	48.9	67.6	-.7	101	1+	34	14	50	9	0	0	0	1.32	- 1.48	.51	5	.0	0		3	1	0				
GRAYSON	83.4	49.1	66.3		103	1	34	23	77	8	0	0	0	1.13		.75	5	.0	0		3	1	0				
HEIOELBERG LOCK 14	87.2	50.7	69.0	-.7	101	2+	36	23	29	8	0	0	0	1.90	- 1.17	1.12	5	.0	0		4	2	1				
HINOMAN SETTLEMENT SCH	85.0	46.9	66.0		99	1+	32	23	17	8	0	1	0					.0	0		3						
INEZ	85.6	52.1M	68.9M		102	1+	39	24	31	8	0	0	0	3.42		2.26	5	.0	0		4	2	2				
MANCHESTER 4 SE	86.7	48.9	67.8		102	2+	33	23	37	9	0	0	0	1.63		1.26	5	.0	0		3	1	1				
MAYSVILLE OAM 33	81.3	49.5	65.4	- 4.1	98	3	39	14	8	0	0	0	0	1.39	- 1.58	.99	5	.0	0		4	1	0				
MIOOLESBORO	86.8	50.4	68.6	- 1.3	100	1+	36	14+	29	10	0	0	0	1.50	- 1.11	1.00	5	.0	0		6	1	1				
MOUNT STERLING	86.2	53.5	69.9	- 1.1	103	1+	40	14+	31	10	0	0	0	1.37	- 1.65	.61	5	.0	0		4	1	0				
PIKEVILLE	86.2	54.8	70.5	-.1	102	2	43	14	18	12	0	0	0	2.75	-.13	1.96	5	.0	0		4	2	1				
RICHMOND E STATE COL	84.8	53.3	69.1	- 1.9	102	2+	38	23	8	0	0	0	0	1.32	- 1.54	.85	5	.0	0		5	1	0				
VANCEBURG OAM 32	82.6	52.0	67.3		101	2	39	14+	55	7	0	0	0	1.34	- 1.25	.63	20	.0	0		5	1	0				
WEST LIBERTY WATER WKS	87.1	46.6	66.9		103	4	32	23	11	0	1	0	0	1.43		1.00	5	.0	0		3	1	1				
WILLIAMSBURG	85.1	52.8	69.0	- 2.3	99	2	38	14+	27	9	0	0	0	1.70	- 1.34	.89	5	.0									

# DAILY PRECIPITATION

KENTUCKY  
SEPTEMBER 1953

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON OAM 45	.25					T					T					T				.10	.15												
ADDLPHUS 1 N	1.28					.04														.65	.54						.05	T					
ALBANY	2.27			.04		1.15														.55													
ALLEN	2.19				.10	1.14	.06													.89													
ANCHORAGE	.67				.23										T					.44						T							
ASHCAMP	2.48					1.32	.75														.41												
ASHLAND OAM 29	1.73			T	T	1.30										.01				.42	T												
BARBOURVILLE	1.73					1.20					T									.40					.13								
BARSTOWN S J PREP SCH	.43				.13	.02							.04		.02					.13	.04						.05						
BAKTER	.88				.05	.35	.18													.15							.01	.14					
BEAVER OAM	.52				.02			.02												.48													
BENHAM	2.09				T	.36	.80		.02							T	T			.23	.78						.09	.06					
BEREA COLLEGE	1.39					.85										T				.41							.19	.05					
BEREA WATER WORKS	1.89			.01		1.23														.03	.55						.02						
BOWLING GREEN	.60					T														.01	.21						.04						
BOWLING GREEN SUBSTA	.26				.03	T														.51							.02						
BOWLING GREEN CAA AP	.56				T	.46		T				T				T				.03													
BRENT OAM 36	.49					.02														.65	.20						.04						
BROWNSVILLE LOCK 6	.91				.10	.92	.54													.55													
BUROINE 2 NE	2.11																																
BURGIN OIX OAM	1.94					1.23							.14							T	.43						.06	.08					
BURKESVILLE	2.87		T			2.18	T	T	T				.01							.63	.54	T					.04	.10	T				
CAOIZ LOCK E	.75					.12														.70							.05						
CAMPBELLSVILLE	1.39			.11	.36	.17						T								.10	.17												
CARROLLTON LOCK 1	1.27					1.00																											
CLERMONT 1 SSE	.65				.19	.71														.40	.03						.03						
COLLEGE HILL LOCK 11	1.19					.72														.29							.10	.08					
COLUMBIA	.84			.42																.26								.16					
CORBIN CAA AIRPORT	1.42				.57	.29						T	T		T					.52							.04						
COVINGTON W 8 AIRPORT R	.75			T	.64			.03				T	T		T					.08		T						T					
CUMBERLAND FALLS ST PK	1.08					.75														.21							.12						
CYNTHIANA	.79		T			.62							.02							.15								T					
CYNTHIANA 2 SW	1.01					.60														.40							.01						
DANVILLE	2.22					1.34								T						.58							.18	.12					
DELPHIA 1 E	1.65			.05		1.18														.30							.12						
DEMA	1.42				.10	.52														.80													
DEWEY OAM	2.55				.28	1.48	.12													.66							.01						
DUNDEE BARRETT'S FORD BR	.23					.05														.15	.03												
DUNMORE	.45																			.29	.16												
DUNNVILLE	1.35					.71														.42							.22						
EDDYVILLE LOCK F	.31					T														.28	.03	T											
EDMONTON	.80					.30														.35							.15						
ELKHORN CITY	2.22				.31	1.40														.51													
ELM MOUTH	.74					.51														.18													
FARMERS	1.32				T	.51						T				T	T			.45							T	.36					
FLEMINGSBURG	.82				T	.54							.01				T	T		.27													
FORD LOCK 10	1.13					.71														.34								.08					
FORDS FERRY OAM 50	.54			T	T	.19		T				T	T		T					.29	.06												
FRANKFORT LOCK 4	.49					.13							.04							.26							.06						
FRANKLIN WATER WORKS	.60																			.15	.45												
FREEBURN	.82					.26	.38							.06						.12													
FRENCHBURG	1.76			T	T	.96							.01							.18							.05	.56					
GEORGETOWN WATER WORKS	1.21					.96														.05								.25					
GEST LOCK 3	.58				.04	.31														.15							.08						
GLASGOW	.81					.03														.18	.52						.04	.04					
GLASGOW WKAY	.82					.03	.06													.65							.08						
GLENDALE	.67					.09							.01	.04						.09	.29						.10	T					
GOLDEN POND 8 N	.60																			.60													
GRANT OAM 38	.48					.40		.02												.06													
GRAYSON	1.13				T	.75							.10							.28								T					
GREENSBURG	.75					.30														.45													
GREENSBURG HWAY 61 BR																																	

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
SEPTEMBER 1953

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE SUBSTA	1.11				T															.25	.86												
ST JOHN BETHLEHEM ACAO	.63				.03	T					T	.10								T	.50												
SALVISA LOCK 6	2.10					1.71					T	T			T	T				T	.38					.01	T						
SALYERSVILLE 2	-				-								.06								.39					.02							
SCOTTSVILLE	1.61					.05														1.45					.03	.02	.11						
SEBREE WATER WORKS	.43			T	.05		.03				T									.35													
SHAWNEE STEAM PLANT	.35					.03														.30	.02												
SHELBYVILLE 2 W	.59			T	.43										T	T				T	.12						.04						
SHEPHERSVILLE	.20																			.20													
SOMERSET 1 N	1.55			.06	.28	.76														.22						.23							
SPRINGFIELD	.81					.37														.09	.35						T						
STEARNS 2 N	1.18				.70															.32						.16							
SUMMER SHADE	1.30			T	.24	.23														.52	.31						.31						
SUMMER SHADE SUBSTA	1.06				T	.44															.48					T	.14						
TAYLORSVILLE	.62			.05	.07															.02	.23						.25						
TOMPKINSVILLE 2	1.09					.50														.42							.17						
TURKEY CREEK SCHOOL	.61					.05					.03									.48	.05												
TYRONE LOCK 5	1.18					.70														.46							.02						
UNIONTOWN DAM 49	1.24			.10	T	.48		.12			T									.42	.12												
VALLEY VIEW LOCK 9	1.72				T	1.19						.10				T				.19						.19	.05						
VANBUREN	.57					.18														.39													
VANCEBURG DAM 32	1.34				.01	.44							.03							.63							.23						
WAYNESBURG 6 E	1.34			.03		.85														.23						.08	.15						
WEST LIBERTY WATER WKS	1.43				.16	1.00														.27						T							
WESTPORT	.77				.47	T				T										T	.30												
WILLIAMSBURG	1.70			.10	.01	.89														.42	T						.28						
WILLIAMSTOWN	.87					.70														.12						.05							
WILLOW LOCK 13	1.97					1.05														.49				.38		.05							
WOLF CREEK DAM	3.02			T		2.22														.52							.02	.26					
WOODBURY LOCK 4	1.22					.07														.35	.80												



# DAILY TEMPERATURES

KENTUCKY  
SEPTEMBER 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	103 62	103 72	102 73	96 62	83 52	82 48	86 52	85 47	85 51	85 58	94 59	81 57	72 39	84 42	82 46	86 48	87 46	97 61	82 62	83 55	73 57	70 38	74 44	83 45	71 61	79 56	85 54	90 41	100 48	95 56	85.9 53.1	
ASHLAND OAM 29	MAX MIN	100 66	100 66	101 67	101 68	81 51	80 56	80 52	80 50	80 49	83 51	89 54	85 69	77 45	65 42	85 47	88 45	82 49	92 98	86 67	81 64	74 57	69 45	74 39	81 43	77 55	79 56	85 58	94 45	98 46	84.7 53.6		
BARBOURVILLE	MAX MIN	101 60	102 56	98 61	95 62	74 54	76 49	80 47	82 45	86 43	86 45	89 50	87 51	77 48	82 35	89 50	90 48	92 44	96 42	90 56	87 57	78 49	73 36	81 34	84 41	76 52	78 51	89 55	92 42	98 39	94 44	86.7 48.0	
BARSTOWN S J PREP SCH	MAX MIN	103 64	102 69	101 72	99 71	82 53	85 50	84 46	84 45	86 46	87 56	97 60	96 65	79 45	85 40	85 48	91 45	91 49	101 55	100 64	85 55	85 57	74 38	79 42	85 46	85 61	82 56	88 59	93 40	101 51	100 55	89.8 53.4	
BAXTER	MAX MIN	95 57	98 58	98 65	92 61	91 69	76 51	80 47	80 48	87 40	83 48	81 53	84 55	84 47	73 38	80 39	85 45	87 47	89 48	92 59	82 63	79 52	71 39	71 39	76 40	81 42	66 55	73 56	85 49	89 42	92 44	82.7 50.4	
BEAVER OAM	MAX MIN	105 61	104 71	101 70	95 62	82 46	86 44	83 52	86 44	90 45	92 56	99 61	90 67	82 41	89 42	84 47	88 47	94 47	102 56	91 63	87 52	81 58	72 39	80 37	85 47	78 62	81 55	81 51	94 40	101 48	96 57	89.5 52.3	
BENHAM	MAX MIN	98 56	100 49	103 60	101 69	97 53	68 48	77 47	79 45	80 44	83 48	84 51	89 53	85 42	82 33	80 42	86 44	89 45	91 46	80 45	80 57	72 40	70 40	75 43	82 53	72 55	88 54	92 49	88 40	96 45	85.4 48.4		
BEREA COLLEGE	MAX MIN	104 66	102 67	101 73	96 67	79 58	81 51	82 52	84 51	83 46	88 52	91 60	87 68	73 44	83 41	87 59	91 52	90 50	98 57	83 62	84 61	76 57	71 38	80 38	85 44	71 59	79 58	87 44	91 45	100 45	95 43	86.7 54.0	
BOWLING GREEN CAA AP	MAX MIN	102 67	101 68	99 75	88 58	82 52	85 49	83 54	84 48	88 50	90 56	95 64	85 60	75 47	88 44	86 53	93 50	92 46	98 56	81 57	83 51	75 44	72 44	79 44	81 49	72 58	76 55	88 46	92 46	98 56	95 56	86.9 54.1	
BURGIN OIX OAM	MAX MIN	103 65	104 66	102 73	100 73	82 58	83 50	81 55	83 48	86 47	88 54	92 60	91 70	80 44	82 43	85 54	91 50	90 49	97 56	97 63	83 59	80 58	72 42	79 40	84 46	80 61	78 56	88 57	90 44	99 48	95 55	88.2 54.8	
CAMPBELLSVILLE	MAX MIN	103 61	103 61	98 69	92 65	81 52	83 48	82 47	83 46	86 44	86 52	93 54	86 66	77 38	83 38	85 46	91 43	92 42	99 52	83 56	82 53	82 51	71 37	80 38	84 44	76 56	76 51	88 51	92 40	98 42	94 49	87.2 49.7	
CARROLLTON LOCK 1	MAX MIN	103 62	99 66	100 71	92 65	80 56	81 49	79 55	79 47	82 48	84 54	92 58	90 58	75 42	82 40	82 49	82 50	83 46	95 56	92 64	82 56	82 61	76 41	74 38	82 43	78 62	78 60	85 55	88 41	97 46	94 57	85.6 53.2	
CLERMONT 1 SSE	MAX MIN	103 60	103 67	101 70	98 69	81 50	84 53	81 48	84 44	87 42	87 54	98 57	94 68	79 42	87 38	86 46	92 44	92 43	101 50	98 64	87 52	85 56	72 36	80 40	85 41	83 60	82 54	89 52	94 38	100 45	96 56	89.7 51.3	
CORBIN CAA AIRPORT	MAX MIN	98 63	99 58	96 69	94 64	74 53	78 47	79 46	79 43	84 45	83 48	90 51	85 54	72 40	82 36	87 49	88 41	88 45	94 63	83 57	81 57	74 35	69 35	78 35	81 39	67 55	75 54	86 55	90 40	95 40	92 45	84.0 49.0	
COVINGTON W 8 AIRPORT	MAX MIN	102 67	102 72	99 73	91 60	78 55	81 51	77 55	79 49	82 53	86 58	89 65	77 50	67 40	74 43	79 46	83 52	81 49	95 61	80 59	81 56	70 48	68 40	73 46	80 50	68 61	76 60	81 56	86 42	97 59	92 62	82.5 54.6	
CYNTHIANA 2 SW	MAX MIN	100 67	101 67	99 70	96 69	86 57	88 52	84 53	81 47	86 49	87 54	93 56	89 67	77 41	82 41	86 47	88 49	84 49	97 56	93 65	89 58	83 55	72 39	76 41	83 47	78 55	79 58	86 56	89 40	98 42	96 48	87.5 53.2	
DANVILLE	MAX MIN	101 68	103 67	104 68	100 71	94 56	80 51	82 55	80 49	82 54	85 59	88 69	92 61	84 41	75 42	81 50	86 50	91 50	90 55	97 60	79 58	83 57	75 41	70 40	80 45	83 53	86 57	77 47	88 47	90 55	97 62	86.1 54.5	
DEWEY OAM	MAX MIN	103 58	103 59	103 69	96 58	91 54	72 49	80 52	82 49	80 47	86 52	86 60	90 71	87 44	71 40	82 46	88 45	88 47	86 46	86 58	86 52	74 39	70 39	72 39	82 42	70 53	76 56	88 45	88 43	97 44	94 44	84.7 50.6	
FARMERS	MAX MIN	101 58	101 62	100 65	97 65	91 57	80 49	81 48	80 42	82 44	87 49	92 54	88 60	80 38	74 34	84 44	89 42	87 42	94 47	84 57	83 62	81 51	71 35	75 35	84 41	80 52	77 54	86 54	87 39	95 41	95 45	86.2 48.9	
FOROS FERRY OAM 50	MAX MIN	100 67	99 74	99 74	88 62	84 55	84 52	88 59	82 56	88 58	92 68	97 69	88 59	75 49	89 55	82 61	85 55	93 57	100 61	87 64	89 58	79 42	69 41	81 47	86 58	83 54	93 59	95 51	100 58	93 63	88.5 58.5		
FRANKFORT LOCK 4	MAX MIN	101 62	106 64	102 67	101 69	95 57	84 49	86 49	85 47	85 47	87 47	90 55	94 59	85 42	76 41	84 44	86 47	91 47	92 47	98 53	80 57	87 43	78 41	73 40	76 41	84 42	71 56	81 56	91 42	101 42	97 44	88.1 50.5	
GLASGOW WKAY	MAX MIN	101 66	100 72	98 73	89 64	81 54	81 51	82 53	83 51	86 51	88 52	94 60	88 70	75 41	85 43	85 49	90 42	90 55	98 64	88 58	81 56	78 42	70 45	82 47	73 61	76 54	87 42	90 45	96 44	93 48	86.2 54.4		
GOLDEN PONO 8 N	MAX MIN	105 62	105 67	101 68	96 64	83 46	87 42	83 55	87 43	92 46	93 53	98 58	90 64	82 44	92 46	94 46	95 55	96 61	101 52	98 64	91 56	86 60	72 40	82 37	86 46	83 62	88 54	89 43	96 47	98 45	96 56	91.5 52.7	
GRAYSON	MAX MIN	103 67	103 63	103 65	98 66	75 57	79 51	80 49	78 45	80 45	84 49	91 54	85 66	72 41	64 35	86 42	81 43	81 40	91 45	84 58	80 63	73 42	67 37	73 34	81 38	74 50	79 53	85 54	83 40	95 41	97 45	83.4 49.1	
GREENSBURG	MAX MIN	100 62	101 63	100 63	99 66	93 57	81 48	83 50	82 45	82 44	85 50	87 54	94 58	85 43	81 41	83 41	85 45	90 48	97 52	98 52	76 57	82 54	74 44	69 38	77 43	81 47	68 55	76 55	86 41	98 41	96 44	85.8 49.7	
GREENVILLE 2 W	MAX MIN	104 61	104 66	100 72	94 61	80 49	81 45	84 51	85 47	88 45	90 58	97 61	88 62	80 44	88 43	85 46	97 48	94 49	100 55	87 63	87 51	79 60	81 41	84 39	86 50	83 53	88 51	95 40	99 43	94 62	88.9 52.8		
HEIDELBERG LOCK 14	MAX MIN	100 62	101 60	101 67	95 65	86 57	80 53	81 49	81 45	84 43	86 49	89 53	86 66	80 43	82 37	87 47	89 43	89 47	97 47	95 56	84 43	73 39	83 36	82 36	77 40	82 44	77 56	86 42	88 42	94 42	94 46	87.2 50.7	
HENDERSON 4 SW	MAX MIN	103 63	103 70	100 73	82 60	82 50	87 48	80 54	83 45	82 50	88 58	95 64	88 68	82 52	87 60	85 44	88 51	91 52	100 58	83 59	89 54	80 55	72 41	80 40	85 41	84 56	86 56	95 42	98 47	90 48	87.7 55.0		
HICKMAN 1 E	MAX MIN	98 60	104 70	98 64																													

# DAILY TEMPERATURES

KENTUCKY  
SEPTEMBER 1953

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	104	102	100	97	84	85	84	86	88	90	97	91	80	86	87	96	93	99	93	84	79	77	86	84	79	77	90	92	98	95	89.4	
	MIN	63	62	71	65	50	45	51	43	44	53	61	69	40	40	48	46	48	55	64	53	53	38	38	45	58	54	54	41	46	60	51.9	
MANCHESTER 4 SE	MAX	101	102	102	96	74	80	82	80	84	86	89	87	78	83	88	89	90	96	85	82	76	71	82	85	85	76	88	91	98	94	86.7	
	MIN	61	56	64	63	56	51	47	45	43	47	51	63	43	35	47	41	45	45	58	62	55	35	33	35	53	54	56	41	39	44	48.9	
MAYFIELD 2 S	MAX	102	102	100	93	83	88	84	86	91	92	98	91	81	92	88	91	96	99	90	91	82	72	82	86	82	80	90	97	100	96	90.2	
	MIN	67	76	67	60	53	51	56	53	55	60	68	66	51	54	52	54	56	64	64	55	61	44	43	53	60	55	55	52	61	63	57.8	
MAYSVILLE OAM 33	MAX	96	97	98	94	95	77	78	73	76	78	79	91	81	68	67	79	82	80	93	83	80	72	67	70	80	68	75	83	85	95	81.3	
	MIN	62	62	62	64	60	54	53	48	48	48	54	55	42	39	41	47	45	40	42	60	57	40	40	40	43	56	56	41	41	46	49.5	
MIOOLESBORO	MAX	100	100	98	94	88	79	82	83	85	86	86	88	83	82	88	89	91	95	91	81	80	73	79	82	79	75	88	92	95	93	86.8	
	MIN	59	57	64	64	58	51	49	45	46	49	53	63	53	36	56	42	44	46	57	62	56	36	36	39	57	53	57	44	39	42	50.4	
MOUNT STERLING	MAX	103	103	103	97	73	81	80	82	83	87	93	84	77	76	85	90	90	99	85	86	76	70	78	84	76	78	85	88	99	95	86.2	
	MIN	64	68	71	68	55	50	53	47	49	49	57	66	41	40	55	56	56	54	52	58	55	40	41	46	50	55	56	44	50	58	53.5	
MURRAY	MAX	104	102	102	90	84	88	88	87	90	95	100	90	82	84	89	92	95	102	87	91	83	73	82	86	82	80	93	97	101	98	90.6	
	MIN	62	71	66	64	48	45	55	45	48	55	62	62	48	49	48	50	49	55	65	56	61	44	38	49	61	56	51	44	49	56	53.7	
OWENSBORO 2 W	MAX	104	103	100	82	82	88	82	87	91	92	97	88	73	87	86	90	95	99	86	86	76	74	80	84	82	82	85	94	99	95	88.3	
	MIN	64	72	73	64	50	46	55	50	52	62	65	66	40	46	48	51	54	57	64	54	59	43	47	47	64	57	56	45	52	60	55.4	
PAOUCAH CAA AIRPORT	MAX	102	101	98	77	80	87	82	85	90	90	97	82	78	91	86	89	95	97	80	89	74	71	80	84	80	84	88	94	98	91	87.3	
	MIN	67	73	71	57	52	49	55	47	52	63	69	59	47	58	50	54	53	60	62	58	53	45	39	51	62	55	53	48	54	62	55.9	
PAOUCAH	MAX	102	103	100	100	78	84	87	83	87	91	95	99	83	80	90	87	91	95	98	82	91	77	72	81	87	82	84	90	97	102	89.3	
	MIN	65	69	68	68	52	48	58	51	52	59	63	66	46	48	47	46	52	57	65	58	63	47	44	48	54	56	56	47	49	52	55.1	
PIKEVILLE	MAX	100	102	99	96	73	79	82	81	85	87	91	88	75	84	92	91	91	95	87	79	74	71	80	83	71	75	88	92	99	96	86.2	
	MIN	65	62	68	71	59	56	55	53	51	53	55	64	49	43	50	50	52	51	62	66	63	45	44	44	53	56	60	50	47	48	54.8	
PRINCETON	MAX	106	104	101	88	86	91	88	89	92	91	100	88	82	91	90	93	96	103	93	88	79	75	81	85	81	92	96	101	92	91	91.1	
	MIN	63	72	68	62	46	43	57	45	50	55	58	60	41	45	44	46	59	54	64	56	59	41	39	44	54	52	42	45	52	52	52.3	
RICHMOND E STATE COL	MAX	99	102	102	100	96	75	80	80	81	84	86	90	81	71	78	83	88	88	95	81	82	75	70	77	82	68	77	86	89	97	84.8	
	MIN	65	67	70	73	59	52	54	47	48	52	58	72	41	40	55	50	49	54	50	60	58	39	38	44	50	53	56	43	47	55	53.3	
RUSSELLVILLE	MAX	104	103	101	92	83	84	86	87	90	91	99	89	78	91	88	93	94	101	88	85	76	72	80	81	74	78	92	97	94	93	88.8	
	MIN	62	66	72	62	49	44	54	44	46	54	65	68	44	43	49	47	48	55	59	54	57	41	39	50	61	58	48	50	61	52.9		
ST JOHN BETHLEHEM ACO	MAX	98	99	100	97	89	79	84	80	83	86	85	95	84	74	85	85	91	89	98	77	84	76	70	78	84	71	79	87	91	98	85.9	
	MIN	65	70	71	62	46	45	51	49	47	55	51	64	45	39	48	45	52	54	62	58	59	41	46	50	61	60	58	48	54	59	53.8	
SCOTTSVILLE	MAX	100	98	100	90	83	84	84	84	87	91	96	91	78	89	88	94	93	99	91	84	76	71	81	78	71	76	82	91	97	93	87.3	
	MIN	65	65	74	64	54	46	51	44	45	54	66	71	44	44	52	49	48	61	64	57	59	40	43	41	53	56	57	45	52	61	54.2	
SHELBYVILLE 2 W	MAX	105	105	100	94	79	84	79	84	89	88	90	85	73	85	84	87	91	100	90	86	76	72	80	85	75	80	86	92	102	100	87.5	
	MIN	67	70	75	63	54	57	54	50	46	60	60	71	43	42	50	52	57	59	64	57	60	43	41	47	65	60	53	41	52	56	55.6	
SOMERSET 1 N	MAX	99	100	98	95	77	79	79	80	83	84	89	84	72	83	85	87	89	95	82	83	72	69	78	82	74	74	85	88	96	91	84.4	
	MIN	64	61	71	66	58	51	50	50	49	50	54	70	42	39	52	42	50	52	62	61	55	42	42	42	60	57	56	41	42	47	52.6	
SUMMER SHAOE	MAX	101	101	99	94	80	82	82	84	86	88	95	86	75	85	85	90	93	94	83	74	69	72	78	82	71	75	86	90	95	92	85.6	
	MIN	66	66	71	65	54	49	49	49	47	55	59	68	40	42	49	46	50	61	55	53	52	43	42	47	59	55	54	43	57	54	53.3	
VANCEBURG OAM 32	MAX	99	101	96	97	80	82	78	79	80	84	90	82	72	67	80	85	81	89	85	79	74	68	72	80	68	76	84	83	95	91	82.6	
	MIN	62	64	66	67	57	54	52	49	47	54	53	65	41	39	45	45	46	51	61	60	54	39	40	44	53	61	56	42	43	50	52.0	
WEST LIBERTY WATER WKS	MAX	101	101	102	103	96	70	88	83	82	81	87	90	83	80	77	80	89	87	96	90	85	76	75	78	84	77	87	93	95	96	87.1	
	MIN	60	62	64	65	52	48	46	40	46	45	45	52	45	38	40	42	45	42	45	50	52	34	32	35	43	50	50	40	44	47	46.6	
WILLIAMSBURG	MAX	98	99	96	95	78	79	80	83	85	86	90	87	80	82	89	89	90	94	84	83	75	71	79	82	68	74	87	88	92	91	85.1	
	MIN	62	60	66	70	57	53	50	48	48	51	55	70	46	38	55	45	48	50	64	62	56	39	38	43	58	56	58	47	44	47	52.8	
WILLIAMSTOWN	MAX	101	101	101	99	96	79	81	78	80	83	85	91	79	69	81	80	85	85	96	77	83	72	70	74	83	69	79	83	89	99	84.3	
	MIN	71	74	79	74	55	52	53	52	53	57	61	68	43	43	45	51	53	59	66	54	54	40	45	50	50	61	58	53	60	64	56.6	
WOLF CREEK OAM	MAX	100	101	102	99	93	79	81	82	82	85	87	96	85	76	84	88	90	88	96	80	82	76	71	81	82	68	75	82	87	102	86.0	
	MIN	61	66	67	6																												



## STATION INDEX

KENTUCKY  
SEPTEMBER 1953

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADOLPHUS 1 N	0031	BRECKINRIDGE	7 37 55	86 34	360	6A			CORPS OF ENGINEERS	3 C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	MID			U.S. WEATHER BUREAU	2 3 5 7 C
ALCLINTON	0043	ALLEN	3 36 39	86 16	600	7A			IDELL M. DEARING	3 C	LIBERTY	4755	CASEY	3 37 21	84 55	—	MID			PALLIA L. HANKLA	3 C
ALLEN	0095	FLOYD	1 37 35	82 43	650	6A			MRS. BARBARA M. COOL	5 C	LITTLE HICKMAN LOCK B	4825	JESSAMINE	4 57 45	84 35	560	7A			CORPS OF ENGINEERS	3 C
ANCHORAGE	0155	JEFFERSON	7 58 16	86 35	700	7P			C. E. BARRET	2 5 5	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	MID			CORPS OF ENGINEERS	3 C
ASHCAMP	0246	PIKE	1 37 16	82 26	1100	8A			MARY S. RATLIFF	3	LOGGICK 1 S	4882	CLARK	4 57 51	84 02	—	MID			MRS. H. BURGER	3 C
ASHLAND DAM 29	0254	BOYD	7 38 27	82 36	534	6A			CORPS OF ENGINEERS	2 3 5 7	LONDON 3 SW	4893	LAUREL	2 37 06	84 08	—	MID			U.S. FOREST SERVICE	3 C
BARBOURVILLE	0381	KNOX	2 36 52	83 33	1000	6P			UNION COLLEGE	2 3 5 C	LOUISA	4943	LAWRENCE	1 38 07	82 37	584	7A			JULIUS W. RANKIN	3 C
BARDSTOWN S.J. PREP SCH	0397	NELSON	8 37 48	85 28	637	6P			ST. JOSEPH PREP SCH	2 3 5	LOUISVILLE BONHAN FLD	4946	LAWRENCE	1 38 07	82 37	600	6P			BLAINE HALLONE	2 3 5 C
BAXTER	0450	HARLAN	2 36 51	82 20	1164	7A			C. HONER NOLAN	2 3 5 C	LOUISVILLE MB AP	4951	JEFFERSON	7 38 13	85 40	458	MID			CORPS OF ENGINEERS	2 3 5 7 C
BEAVER DAM	0490	OHIO	3 57 25	86 52	441	6P			E. G. YOUNG	2 3 5 7	LOUISVILLE UPPER GATE	4954	JEFFERSON	7 38 17	85 48	403	6A			CORPS OF ENGINEERS	2 3 5 C
BENHAM	0585	HARLAN	2 36 58	82 57	1580	8A			C. C. WHITEAKER	2 3 5 7	LOUISVILLE MB CITY	4956	JEFFERSON	7 38 15	85 46	457	MID			U.S. WEATHER BUREAU	2 3 5 C
BENTON	0611	MARSHALL	9 36 51	83 20	670	MID			JAMES H. MILLER	2 3 5 C	LOVELAKEVILLE	4967	BALLARD	6 36 58	88 50	370	6P			WILLARD E. FOSTER	2 3 5 C
BEREA COLLEGE	0619	MADISON	4 37 34	84 18	1070	6P			JAMES A. GROSSMAN	2 3 5 C	LUCAS	5002	BARREN	3 36 53	86 02	—	MID			WILLARD E. FOSTER	2 3 5 C
BEREA WATER WORKS	0624	MADISON	4 37 34	84 18	1100	7A			MRS. L. B. GAFFARD	3	MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	435	5P			HONER WELBORN, JR.	2 3 5 C
BOWLING GREEN	0904	WARREN	3 37 00	86 26	536	7A			JAMES R. EDWARDS	3	HAMMOTH CAVE PARK	5097	EDMONSON	5 37 11	86 06	800	5P			NATIONAL PARK SVC	2 3 5 7
BOWLING GREEN SUBSTA	0909	WARREN	3 36 58	86 26	535	MID			CIVIL AER. ADM.	2 3 5 7	HANOVER 4 SE	5111	CLAY	4 37 06	83 43	850	6P			NORA S. WHITE	2 3 5 C
BOWLING GREEN WTR WKS	0914	WARREN	3 37 00	86 26	505	MID			CITY BOWLING GREEN	3 C	HAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364	5P			JOE PAYNE	2 3 5 C
BRENT DAM 36	0978	CAMPBELL	7 39 03	84 25	489	3A			CORPS OF ENGINEERS	3 C	HAYFIELD 2 S	5292	GRAVES	6 36 42	88 38	364	5P			CITY OF MIDWAY	2 3 5 7 C
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A			STINSON SKAGGS	3	HAYSVILLE DAM 33	5243	HASON	7 38 08	83 42	524	6A			WINNIE E. MORAN	3 C
BURDINE 2 NE	1120	PIKE	1 37 12	82 35	1638	8A			OWIN E. JOHNSON	3 C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	7A			EDWARD C. GIFFORD	2 3 5 C
BURGIN OIX DAM	1127	MERCER	4 37 48	84 43	770	8A			C. W. WILLIAMS	2 3 5 6 C	MC KINNEYSBURG	5301	PENDLETON	5 36 36	84 16	435	1130	5P		LOM L. HERRELL	2 3 5 7 C
BURKESVILLE	1137	CUMBERLAND	2 36 47	85 22	620	7A			MARVIN M. LEE	3	MIDDLESBORO RR STA	5394	BELL	2 36 37	83 43	1130	MID			SNEED C. FRIAR	3 C
BURNSIDE	1136	PULASKI	2 36 58	84 37	909	7A			THOMAS A. LEWIS	3	MIDWAY	5407	WOODFORD	4 37 09	84 03	930	5P			DAVID C. BAILEY	3 C
CAID2 LOCK E	1206	TRIGG	2 36 46	87 58	654	7A			CORPS OF ENGINEERS	3	MILLERSBURG	5435	BOURBON	5 38 18	84 09	—	MID			MRS. O. M. LAMLER	3 C
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	777	6P			ALVA MC KINLEY	2 3 5 C	MILLERSTOWN	5438	GRAYSON	3 37 27	86 03	980	5P			E. O. COOPER	3 C
CARRINGTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	6A			CORPS OF ENGINEERS	2 3 5 C	MONTICELLO	5524	WAYNE	5 38 06	84 51	510	MID			H. C. HAGGARD	2 3 5 C
CENTRAL CITY	1439	MULLENBERG	3 37 37	83 27	670	MID			DYRON F. FLEMING	2 3 5 C	MOREHEAD STATE COLLEGE	5555	ROMAN	5 38 11	83 26	700	5P			FRED CARTMILL	2 3 5 C
CHILWILL 1 SE	1613	CLAY	8 37 55	85 40	474	5P			BERNHEIM FOUNDATION	2 3 5 C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	83 36	930	5P			HUBERT E. HODGES	3 C
CLINTON	1631	HICKMAN	6 36 41	89 00	370	MID			WOODSON O. FRANKLIN	3	MUNFORD PARK	5654	HART	3 37 16	85 53	600	6P			MURRAY WATER WORKS	2 3 5 7 C
COLLEGE HILL LOCK 11	1704	MADISON	4 37 47	84 06	—	7A			CORPS OF ENGINEERS	3	MURRAY	5694	CALLOWAY	9 36 38	88 20	600	6P			LOTTA ORA HOOPER	3 C
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	7A			MRS. HAZEL B. PICKETT	2 3 5 7	OLIVE HILL 1 NW	6012	CARTER	7 38 18	83 11	752	MID			STANLEY GARDNER	2 3 5 C
COVINGTON MB AIRPORT	1855	BOYLE	4 37 39	84 46	955	7A			R. P. COLDIRON	2 3 5 7	ONCEONTA DAM 35	6033	CAMPBELL	7 38 58	84 10	497	6A			CORPS OF ENGINEERS	3 C
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	—	5P			KY DET OF CONG.	3	OWENSBORO 2 W	6091	DAVIESS	7 37 46	87 09	400	6P			VIRGIL O. CLARK	2 3 5 7
CYNTHIANA	1998	HARRISON	5 38 23	84 18	684	7A			MARSHALL HILL	3	OWENSBORO DAM 46	6096	DAVIESS	7 37 47	87 08	404	7A			CORPS OF ENGINEERS	2 3 5 7 C
CYNTHIANA 2 SW	2003	HARRISON	5 38 23	84 19	712	5P			ECLAR-MOORE EXP CO	2 3 5	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	410	MID			CIVIL AER. ADM.	2 3 5 7 C
DAVILL	2040	BOYLE	4 37 39	84 46	955	7A			R. P. COLDIRON	2 3 5 7	PADUCAH ARMORY	6117	MC CRACKEN	7 37 05	88 37	344	6A			WESTERN P. LACKEY	2 3 5 C
DAVELLA	2053	MARTIN	1 37 48	82 32	—	MID			BERTHA E. LONG	3	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620	7A			JESSE FAIRCHILD	3 C
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1780	5P			D. A. MAYS	3	PIKEVILLE	6353	PIKE	1 37 29	82 31	686	5P			U.S. WEATHER BUREAU	2 3 5 7 C
DEMA	2139	KNOTT	1 37 25	82 48	850	5P			HATTIE B. BARNEY	3	PIKEVILLE	6354	BELL	2 36 45	83 42	999	7A			F. PARTIN	2 3 5 C
DEWEY DAM	2180	FLOYD	1 37 45	82 47	655	7A			CORPS OF ENGINEERS	2 3 5 6 7 C	PIKEVILLE	6355	PIKE	2 36 45	83 42	999	7A			WILLIAMS	2 3 5 C
DUNDEE BARRETT'S FORD BR	2338	OHIO	3 37 33	86 43	450	7A			J. L. HUFF	3	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	631	6A			CORPS OF ENGINEERS	3 C
DUNNOR	2566	MULLENBERG	3 37 05	87 00	610	7A			N. O. GIVENS	3	RICHMOND E STATE COL	6805	MADISON	4 37 44	84 18	1085	8A			THOMAS C. HERNON	2 3 5 C
DUNNVILLE	2374	CASEY	3 37 13	84 58	—	8A			LINNIE D. TARTER	3	RUMSEY LOCK 2	7039	MC LEAN	3 37 32	87 16	384	6A			CORPS OF ENGINEERS	3 C
DYER	2391	BRECKINRIDGE	—	87 43	86 13	—	MID		LENA BLAIR	3	RUSSELLVILLE	7049	LOGAN	3 36 51	86 53	590	6P			W. B. PORTER	2 3 5 C
DYERVILLE LOCK F	2509	WHITLEY	5 37 38	83 03	670	7A			DYRON F. FLEMING	3	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	6A			IVA-683	3 C
EDMONTON	2469	METCALFE	3 37 00	85 37	—	8A			JOHN E. MORAN	3	SADIEVILLE 2 W	7074	SCOTT	4 38 25	84 35	—	MID			ROBERT W. POSEY	3 C
ELKHORN CITY	2520	PIKE	1 37 18	82 21	792	7A			HARVEY J. FARMER	3	ST JOHN BETHLEHEM ACAD	7091	HARDIN	8 37 42	85 59	777	7A			SISTER M. MELITINA	2 3 5 7 C
FALMOUTH	2775	PENDLETON	5 38 40	84 20	560	6A			FRANK H. LAWSON	3	ST MARY	7096	HARION	8 37 35	85 21	730	MID			ST MARY COLLEGE	3 C
FARMERS	2791	NOAN	5 38 09	83 33	668	6P			MRS. C. C. STAMPER	2 3 5 7	SALVISA LOCK 6	7121	MERCER	4 37 56	84 49	320	7A			CORPS OF ENGINEERS	3 C
FLEMINGSBURG	2908	FLEMING	5 38 25	83 44	750	MID			MAURICE B. CARPENTER	3 C	SALVISA LOCK 6	7129	MAGOFFIN	5 37 45	83 04	900	7A			FORREST C. WILLIS	3 C
FORD LOCK 10	2953	MADISON	4 37 55	84 15	593	6A			CORPS OF ENGINEERS	2 3 5 7 C	SCOTTSVILLE	7234	WEBSTER	3 37 36	87 32	360	5P			SEBREE WATER WORKS	3 C
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	356	6P			CORPS OF ENGINEERS	2 3 5 7 C	SEBREE WATER WORKS	7234	WEBSTER	3 37 36	87 32	360	5P			SEBREE WATER WORKS	3 C
FRANKFORT LOCK 4	3028	FRANKLIN	4 38 13	84 52	504	6A			CORPS OF ENGINEERS	2 3 5 C	SHANNEE STEAM PLANT	7243	SHELBY	6 38 13	85 16	825	6P			WILLA S. A. RATT	2 3 5 C
FRANKLIN WATER WORKS	3026	SIMPSON	3 36 42	86 34	691	7A			HERMAN D. NEAL	3	SHEPHERDSVILLE	7334	BULLITT	8 38 00	85 44	—	MID			OVID K. HAGRUDER	3 C
FREEBURN	3046	PIKE	1 37 34	82 08	727	8A			JOHN E. TANNER	3	SMITHFIELD 4 S	7473	SHELBY	8 38 20	85 16	862	7A			F. W. SIMPSON	3 C
FRENCHBURG	3052	MEIFEE	5 37 57	83 39	930	7A			FRENCHBURG SCHOOL	3	SOMERSET	7508	PULASKI	2 37 07	84 37	1050	6P			CORPS OF ENGINEERS	2 3 5 C
GEORGETOWN WATER WORKS	3194	SCOTT	4 38 12	84 33	880	8A			JOE W. ATKINS	3	SOMERSET 1 N	7510	PULASKI	2 37 07	84 37	1050	6P			W. H. COATLEY	3 C
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	6P			CORPS OF ENGINEERS	3	SPRINGFIELD	7604	WASHINGTON	6 37 41	85 14	738	7A			FAYE PAULINE SMITH	3 C
GLASCO	3241	BARREN	3 37 00	85 55	780	6P			EMILY M. BEAN	2 3 5	STEARNS 2 N	7677	MC CREARY	2 36 43	84 29	—	6P			CHAS. H. MC MURTRY	2 3 5 C
GLASCO WKAY	3246	BARREN	3 37 00	85 55	—	6P			ROD STATION WKAY	3	SUMNER SHADE	7800	METCALFE	3 36 53	85 40	—	6P			IVA-684	3 C
GLENDALE	3252	HARDIN	3 37 36	85 55	700	7A			DAVID W. BELL	3	SUMNER SHADE SUBSTA	7805	METCALFE	3 36 53	85 40	—	MID			R. C. DEDMAN	3 C
GOLDEN POND 8 N	3293	TRIGG	2 36 54	88 00	—	5P			SHIRLEY I. STATEN	2 3 5	TAYLORSVILLE	7848	SPENCER	8 38 02	85 20	489	MID			DEWEY HARRIS	3 C
GRANT DAM 38	3358	BOONE	7 38 59	84 49	504	6A			MRS. ADA L. COX	3	TOMPKINSVILLE	8060	MONROE	3 36 42	85 41	999	MID			JAMES T. PHILLIPS	3 C
GRAYSON	3391	CARTER	7 38 19	82 57	589	7P			CORPS OF ENGINEERS	3	TOMPKINSVILLE 2	8065	MONROE	3 36 42	85 41	999	7A			ORVILLE F. HALL	3 C
GREENUP DAM 30	3430	GREEN	3 37 15	85 30	638	7A			MRS. MELL M. LINGLE	2 3 5	TURKEY CREEK SCHOOL	8144	TRIGG								



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 8:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 5, 7 and the Station Index. No record in Tables 2 and 6 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Sourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 10/30/53 --- 775



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# CLIMATOLOGICAL DATA

## KENTUCKY

DEC 10 1953

OCTOBER 1953  
Volume XLVIII No. 10



NATL  
HIST.

O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Very dry weather, with temperatures averaging above normal, prevailed during the month. Temperatures at the beginning and in the third week of the month were extremely high for October with the maximum temperature of 98° reported on the 1st equalling the all-time high for the month. The droughty conditions which had prevailed with but little interruption since August continued through the month with daily increasing distress. Rainfall averaged just slightly over one-third of normal and the total for the month was well within the ten lowest on record for October and the lowest since 1940. Abundant sunshine approximating the full amount possible during half of the month contributed to the depletion of soil moisture. The first killing frost of the fall season in most areas occurred on the morning of the 30th but there was no damage due to the maturity of the crops.

The abnormally hot, dry weather at the close of the previous month continued for the first three days in October. Maximum readings of 90° or above were reported from practically all locations during this period. Several locations with long term records established new October maximum temperature readings on the 1st or 2nd. A new late-season heat record was set at Louisville on October 1st. Cooler air overspreading the state on the night of the 4th and the morning of the 5th dropped temperatures sharply with the cool weather continuing through the 12th. From the 12th through the 18th, days were sunny and warm and nights mild. On the 19th unseasonable warmth set in and continued for five days. The maximum temperature at Louisville on the 21st equalled the record for so late in the season. The balance of the month averaged slightly below normal. The monthly mean temperatures ranged from 63.5° at Louisville WB City Office to 56.4° at Hindman Settlement School. The highest temperature reported in the state was 98° at Hopkinsville and Frankfort Lock 4 on the 1st; the lowest was 20° at West Liberty Water Works on the 30th.

Rainfall distribution generally showed a progressive decrease going from west to east, ranging from over 2 inches in

the extreme western section, over 1 inch in the central section with the exception of the northern counties where amounts were less than 1 inch, and 1/2 inch or less in the eastern section. The total rainfall occurred during the two periods 4th-6th and 26th-29th. Average daily amounts of .01 inch or more were recorded on only 3 days during the month. Beginning on the night of the 4th and continuing to the 6th, cool air influx brought rain to counties along the Ohio River from Owensboro westward, and also in counties along the river in extreme Northern Kentucky. In this limited area amounts ranged up to as much as 9/10th of an inch. The rest of the state received but slight amounts if any. For the next 20 days there was no rain anywhere in the state. Late on the 26th, general rain beginning in the western sections spread eastward through the 29th. Totals generally exceeded 1 inch in the western sections, 3/4 inch in central, and 1/4 in eastern and southeastern sections. While this rainfall did not break the drouth, it gave considerable temporary improvement to top-soil moisture. The average precipitation for the state was 0.91 inch which is 1.68 inches below normal. The total amounts recorded at the various locations ranged from 2.62 inches at Lovelaceville in Ballard County to 0.13 inch at Paintsville in Johnson County. The heaviest rainfall in any one day was 1.63 inches at Hickman 1 E reported on the 27th.

The rains of the 26th-29th permitted the stripping of tobacco, the seeding of winter grains, cover crops, grasses and legumes, which had been much delayed by the lack of rainfall. However, much more rain was needed to restore normal supplies of stockwater and subsoil moisture in most parts of the state. Harvesting of early corn was far advanced at the end of the month due to the ideal harvesting weather of October with the crop being very good. Late planted corn on the other hand was poor to total failure. The drought and heat not only hurt the soybean crop materially but also caused considerable of the acreage to be cut for hay due to the shortage of pasture and hay. Water hauling was considerable at the end of the month and the fire hazard was increasing. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
OCTOBER 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	NNE	13	9.0	-	-	-	63	75	35	47	2	1	1	1	0	0	5	-	3.3
LOUISVILLE WB AP	N	17	5.6	34	SW	11	75	85	40	50	3	0	3	0	0	0	6	80	3.0

# COMPARATIVE DATA

Table 1

OCTOBER

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	52.0	89	23	2.33	-	-	1912	59.5	92	25	1.42	0	4	1935	59.5	91	22	2.51	0	8
1890	55.7	87	23	2.94	-	-	1913	56.9	97	23	3.55	T	9	1936	58.5	88	24	3.47	0	9
1891	54.8	92	21	0.78	-	-	1914	59.7	91	22	5.10	0	9	1937	55.7	93	17	4.27	T	12
1892	57.3	97	19	0.51	-	-	1915	60.6	90	27	3.40	0	6	1938	60.1	95	24	0.48	0	2
1893	58.4	90	19	4.00	-	-	1916	57.6	97	24	2.59	T	6	1939	60.9	95	23	2.09	0	6
1894	58.8	92	25	1.36	-	5	1917	51.1	90	20	3.18	0.1	7	1940	60.4	93	25	0.74	0	4
1895	52.2	89	14	1.24	-	4	1918	62.3	91	32	3.81	0	10	1941	64.0	98	27	4.25	0	11
1896	55.8	90	25	1.71	-	5	1919	65.6	98	35	7.99	0	15	1942	58.7	88	18	2.81	T	8
1897	63.2	96	26	1.10	0	4	1920	61.0	93	24	1.64	0	4	1943	56.7	89	21	1.67	T	7
1898	57.1	93	21	4.19	T	10	1921	57.1	90	24	2.31	0	6	1944	57.5	90	23	1.31	0	5
1899	61.3	93	26	2.42	0	5	1922	60.2	96	25	2.28	0	6	1945	56.7	91	23	2.04	0	5
1900	64.5	94	29	2.29	0	9	1923	56.5	89	19	1.68	0.2	5	1946	59.6	92	27	2.38	0	5
1901	58.1	93	25	1.57	0	4	1924	61.1	91	24	0.27	0	1	1947	64.3	92	27	2.20	0	6
1902	60.1	91	25	2.34	T	5	1925	52.9	88	13	7.09	3.2	11	1948	54.7	85	18	2.45	T	6
1903	57.7	96	19	2.22	T	5	1926	59.3	94	25	5.96	T	11	1949	61.8	89	25	4.53	T	12
1904	57.2	93	20	0.52	0	2	1927	60.7	92	27	2.61	0	4	1950	62.4	90	30	1.77	0	5
1905	57.0	90	25	4.95	0	9	1928	61.6	95	21	3.93	0	8	1951	59.4	96	25	2.00	T	6
1906	58.9	91	20	1.51	T	7	1929	58.4	85	25	3.85	T	8	1952	52.1	93	13	1.45	T	4
1907	55.5	93	20	2.97	T	6	1930	55.8	94	16	1.33	T	8	1953	60.2	98	20	0.91	0	3
1908	57.1	92	20	0.71	0	3	1931	62.0	93	28	3.01	0	8							
1909	55.2	94	18	2.11	T	8	1932	58.8	85	24	3.31	0	7							
1910	81.4	96	17	4.45	0.1	8	1933	57.4	88	23	2.05	0	8							
1911	59.9	94	27	3.71	0	10	1934	59.5	88	22	0.88	0	4							

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.



## CLIMATOLOGICAL DATA

KENTUCKY  
OCTOBER 1953

TABLE 2

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										31° or Above	32° or Below	31° or Below	32° or Below										
WESTERN DIVISION																							
BEAVER OAM	78.6	41.6	60.1	.9	94	2	27	30	187	3	0	5	0	.97	- 1.79	.69	27	.0	0		2	1	0
FORDS FERRY DAM 50	75.5	47.8	61.7		93	2	32	30	159	1	0	1	0	1.44	- 1.16	1.03	27	.0	0		5	1	1
GOLDEN POND 8 N	78.6	41.5	60.1		95	1+	26	30	193	4	0	3	0	1.23		.81	27	.0	0		4	1	0
GREENVILLE 2 W	78.4	42.8	60.6	1.3	95	2	29	30	180	2	0	4	0	1.20	- 2.13	.84	27	.0	0		2	1	0
HENDERSON 4 SW	77.3	44.8	61.1	.7	96	2	32	30	176	3	0	1	0	.99	- 1.87	.51	27	.0	0		4	1	0
HICKMAN 1 E	79.1	41.4	60.3		95	1+	26	30		3	0	3	0	2.08		1.63	27	.0	0		4	1	1
HOPKINSVILLE	80.1	45.8	63.0	2.5	98	1	30	30		6	0	1	0	.93	- 1.91	.71	27	.0	0		3	1	0
LOVELACEVILLE	78.8M	44.0M	61.4M	.7	96	2	28	30	162	2	0	2	0	2.62	- .91	1.15	5	.0	0		4	3	1
MADISONVILLE 1 SE	78.4	43.3	60.9		93	2	31	8+	168	3	0	3	0	1.12		.83	27	.0	0		4	1	0
MAYFIELD 2 S	79.0	47.7	63.4	2.3	95	1	31	30	141	6	0	1	0	1.44	- 1.54	.60	26	.0	0		4	2	0
MURRAY	80.1	43.2	61.7	1.2	96	1	29	30	157	7	0	4	0	1.35	- 1.65	.64	27	.0	0		4	1	0
OWENSBORO 2 W	78.1	44.8	61.5	2.7	95	2	32	8+	157	2	0	2	0	.71	- 2.43	.57	27	.0	0		4	1	0
PADUCAH CAA AIRPORT	75.8	45.7	60.8		93	1+	32	30	189	2	0	1	0	2.28		1.34	26	.0	0		4	2	1
PAOUCAH	77.5	44.8	61.2	.3	95	1	32	30		4	0	1	0	2.25	- .65	1.25	27	.0	0		4	2	1
PRINCETON	80.4	41.5	61.0	1.6	96	1	26	30	171	8	0	5	0	1.13	- 1.66	.60	27	.0	0		4	1	0
RUSSELLVILLE	77.8	42.2	60.0	.9	93	1	27	31	188	2	0	4	0	1.01	- 1.61	.69	27	.0	0		4	1	0
DIVISION			61.2											1.42				.0					
CENTRAL DIVISION																							
ANCHORAGE	76.6	42.7	59.7	3.0	92	2	27	30	199	1	0	2	0	.90	- 1.80	.53	27	.0	0		2	1	0
BAROSTOWN S J PREP SCH	79.9	42.6	61.3		97	1	26	30	163	4	0	3	0	1.16		.91	27	.0	0		3	1	0
BOWLING GREEN CAA AP	77.3	44.5	60.9	1.8	92	1+	31	31	163	2	0	2	0	1.21	- 1.67	.55	26	.0	0		3	2	0
BURGIN OIX OAM	79.3	44.8	62.1	2.7	94	2	30	30+	136	2	0	2	0	1.08	- 1.51	.78	27	.0	0		2	1	0
CAMPBELLSVILLE	78.4	39.2	58.8		92	2	22	30	210	3	0	4	0	.86		.56	27	.0	0		2	1	0
CARROLLTON LOCK 1	75.7	43.6	59.7		89	2	28	30	186	0	0	3	0	.81	- 1.73	.45	27	.0	0		4	0	0
CLERMONT 1 SSE	78.8	39.4	59.1		95	2	24	30	210	2	0	4	0	.94		.68	27	.0	0		2	1	0
COVINGTON W B AIRPORT	72.6	45.7	59.2	3.2	89	2	28	30	215	0	0	1	0	1.24	- .93	.52	5	.0	0		5	1	0
OANVILLE	77.9	46.0	62.0	4.2	95	1	32	31		2	0	1	0	.85	- 1.51	.51	27	.0	0		2	1	0
FRANKFORT LOCK 4	78.4M	41.6	60.0M	2.4	98	1	28	30		0	0	2	0	1.13	- 1.36	.85	27	.0	0		2	1	0
GLASGOW WKAY	77.7	43.9	60.8		95	2	29	30	166	2	0	2	0	1.01		.66	27	.0	0		5	1	0
GREENSBURG	78.9M	39.9M	59.4M	2.0	91	1	27	30+		2	0	4	0	1.16	- 1.73	.68	27	.0	0		3	1	0
IRVINGTON	79.1	44.6	61.9	3.1	95	2	30	30	153	4	0	3	0	.81	- 1.98	.65	27	.0	0		2	1	0
LEITCHFIELD	76.9	46.8	61.9	3.4	91	2	34	30	151	1	0	0	0	1.30	- 1.86	.59	27	.0	0		4	1	0
LEXINGTON WB AIRPORT	75.1	48.4	61.8	4.5	91	2	34	30	158	1	0	0	0	1.12	- 1.32	.81	27	.0	0		3	1	0
LOUISVILLE WB AP	R 75.7	45.1	60.4	1.8	92	2	31	30	180	1	0	2	0	.80	- 1.65	.37	27	.0	0		3	0	0
LOUISVILLE WB CITY	R 75.4	51.5	63.5	3.7	92	2	40	30+	130	1	0	0	0	.77	- 1.71	.34	27	.0	0		3	0	0
MAMMOTH CAVE PARK	79.6	42.8	61.2	4.0	94	2	28	30+	156	2	0	3	0	1.22	- 1.38	.84	27	.0	0		2	1	0
ST JOHN BETHLEHEM ACAD	77.1	44.0	60.6	2.8	95	1	27	30		2	0	2	0	.70	- 2.22	.50	27	.0	0		3	1	0
SCOTTSVILLE	77.7	44.2	61.0		92	1	29	30	157	2	0	2	0	.82		.40	27+	.0	0		3	0	0
SHELBYVILLE 2 W	77.9	45.4	61.7	4.3	94	2	29	30	156	3	0	3	0	1.08	- 1.64	.75	27	.0	0		3	1	0
SOMERSET 1 N	77.3	40.5	58.9		90	2	24	30	205	1	0	4	0	.45		.33	27	.0	0		3	0	0
SUMMER SHADE	76.9	42.1	59.5		91	2	25	30	199	2	0	4	0	.59		.30	27	.0	0		2	0	0
WILLIAMSTOWN	75.5	48.0	61.8	3.8	94	1	30	30		2	0	1	0	.98	- 1.79	.65	27	.0	0		3	1	0
WOLF CREEK OAM	79.3	41.9	60.6		92	1	28	30+		3	0	2	0	.49		.26	27	.0	0		3	0	0
DIVISION			60.7											.94				.0					
EASTERN DIVISION																							
ASHLAND OAM 29	75.3	44.3	59.8	1.7	90	2	31	31	182	1	0	2	0	.39	- 2.09	.28	28	.0	0		2	0	0
BARBOURVILLE	80.3	38.2	59.3		94	1+	23	31	188	3	0	8	0	.43		.25	27	.0	0		4	0	0
BAXTER	75.2	40.0	57.6		92	1	29	31		2	0	3	0	.37		.15	27+	.0	0		3	0	0
BENHAM	76.9	38.8	57.9		94	1	28	7		2	0	7	0	.95		.39	29	.0	0		4	0	0
BEREA COLLEGE	77.5	45.6	61.6	3.0	92	2	29	30	155	2	0	3	0	.73	- 2.03	.47	27	.0	0		2	0	0
CORBIN CAA AIRPORT	76.5	38.6	57.6		90	1+	23	31	238	2	0	7	0	.30		.13	28	.0	0		4	0	0
CYNTHIANA 2 SW	77.8M	43.9M	60.9M		91	2	28	30	156	2	0	2	0	1.15		.75	27	.0	0		2	1	0
OEWAY DAM	78.4	40.2	59.3		96	1	28	31		2	0	2	0	.20		.11	29	.0	0		3	0	0
FARMERS	78.4	39.9	59.2	2.6	94	1	25	31	204	3	0	6	0	.70	- 2.21	.46	27	.0	0		2	0	0
GRAYSON	75.6	39.3	57.5		90	2	25	31	241	1	0	7	0	.34		.25	27	.0	0		2	0	0
HEIOELBERG LOCK 14	78.5	40.6	59.6	2.0	91	2	25	31	181	2	0	3	0	.32	- 2.55	.17	27	.0	0		3	0	0
HINOMAN SETTLEMENT SCH	76.2	36.5	56.4		94	1	23	31		2	0	9	0	.36		.20	27	.0	0		2	0	0
INEZ	77.3	40.3	58.8		90	4	24	31	196	1	0	3	0	.22		.16	27	.0	0		2	0	0
MANCHESTER 4 SE	78.0	38.9	58.5		92	2	23	31	211	2	0	6	0	.57		.21	28	.0	0		3	0	0
MAYSVILLE DAM 33	73.4	42.3	57.9	.4	92	1	29	31		1	0	2	0	1.10	- 1.42	.46	27	.0	0		4	0	0
MIDDLESBORO	79.0	39.6	59.3	1.9	94	1	23	31	194	2	0	8	0	.63	- 1.86	.34	27	.0	0		4	0	0
MOUNT STERLING	77.4	44.5	61.0	4.5	91	2	30	30	160	3	0	2	0	.81	- 1.97	.60	27	.0	0		2	1	0
PIKEVILLE	78.0	45.5	61.8	1.9	92	3	33	31	125	2	0	0	0	.29	- 2.40	.12	29	.0	0		4	0	0
RICHMOND E STATE COL	75.8	43.3	59.6	.2	94	1	28	31		2	0	3	0	.85	- 1.85	.50	27	.0	0		2	1	0
VANCEBURG DAM 32	73.9	42.3	58.1		87	2+	28	30+	230	0	0	2	0	.79	- 1.85	.45	27	.0	0		3	0	0
WEST LIBERTY WATER WKS	80.1	35.0	57.6		92	1	20	30		3	0	12	0	.25		.15	27	.0	0		2	0	0
WILLIAMSBURG	77.1	42.6	59.9	.6	92	1	30	31	180	1	0	2	0	.28	- 2.39	.18	27	.0	0		2	0	0
DIVISION			59.1											.55				.0					
STATE			60.2	1.7										.91	- 1.68			.0					

KENTUCKY  
OCTOBER 1953

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AADISON OAM 45	.59						T																						.48	.01	.10		*
ADOLPHUS 1 N	.54						T																						.26	.06	.22		*
ALSBAY	.84																												.21	.29			*
ALLEN	.38			.10						.24																			.17	.12			*
ANCHORAGE	.90					T			.09															T				T	.53	.37			*
ASHCAMP	.71								.22																				.25	.19	.05		*
ASMLAND OAM 29	.39																												.11	.28			*
BARBOURVILLE	.43								.06																				.25	.07	.05		*
BAROSTOWN S J PREP SCH	1.16								T																				.91	.23	.02		*
BAXTER	.37														T														.15	.07	.15		*
BEAVER OAM	.97					T																							.69	.28			*
BENHAM	.95								.13																				.37	.26	.39	.06	*
BEREA COLLEGE	.73			T																				T					.47				*
BEREA WATER WORKS	.66								.02																				.37	.27			*
BOWLING GREEN	1.12								T																				.67	.04	.41		*
BOWLING GREEN SUBSTA	1.16																												.68	.02	.46		*
BOWLING GREEN CAA AP	1.21					T																		T				.55	.12	.54		*	
BRENT OAM 36	1.03					.21		.18																T					.45	.08	.11		*
BROWNSVILLE LOCK 6	1.26																												.70	.12	.44		*
BURDINE 2 NE	.70								.15																				.25		.30		*
BURGIN OIX OAM	1.08																								T				.78	T	.30		*
BURKESVILLE	.47								.07																				.16	T	.24	T	*
CAGIZ LOCK E	1.35								.16																				.92	.15	.12		*
CAMPBELLSVILLE	.86																												.56	.30			*
CARROLLTON LOCK 1	.81																																

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
OCTOBER 1953

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE SUBSTA	.98						T																										
ST JOHN BETHLEHEM ACAD	.70																											.70	.02	.26			
SALVISA LOCK 6	1.02																											.30	.05	.15			
SALYERSVILLE 2	.25																											.81		.21			
SCOTTSVILLE	.82					.02	.02													.07					T		.09	.07					
																												.40					
SEBREE WATER WORKS	.87					.07	T																										
SHAWNEE STEAM PLANT	2.01					.50	.10																				T	.67	.13				
SHELBYVILLE 2 W	1.08						.01																					1.31	.10				
SHEPHERSVILLE	.95																											.75	T	.32			
SOMERSET 1 N	.45																											.65	.07	.23			
																												.33	.11	.01			
SPRINGFIELD	.85																																
STEARNS 2 N	.48						.05																						.59	.26			
SUMMER SHADE	.59						T																					.11	.32				
SUMMER SHADE SUBSTA	.52						T																					.30	.29				
TAYLORSVILLE	1.06																											.21	.04	.27			
																												.80	.03	.23			
TOMPKINSVILLE 2	1.00																																
TURKEY CREEK SCHOOL	1.43						.16																						.80	.20			
TYRONE LOCK 5	1.08																												1.07	.17	.03		
UNIONTOWN OAM 49	1.54					.41	.25																						.82	.26			
VALLEY VIEW LOCK 9	.85																												.73	.10	.05		
																													.51	T	.34		
VANBUREN	.94																																
VANCEBURG OAM 32	.79																																
WAYNESBURG 6 E	.54																																
WEST LIBERTY WATER WKS	.25																																
WESTPORT	.78																																
							T																										
WILLIAMSBURG	.28																																
WILLIAMSTOWN	.98						.05																							.18	.10	T	
WILLOW LOCK 13	.46																												.65	.28	.28		
WOLF CREEK OAM	.49																													.31	.15		
WOODBURY LOCK 4	1.06						.01																							.26	.22		
																													.64	.15	.27		



# DAILY TEMPERATURES

KENTUCKY  
OCTOBER 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	88	92	88	88	70	64	64	72	75	77	87	77	74	80	82	80	82	87	88	88	89	88	81	67	59	76	64	54	58	65	70	76.6
	MIN	59	56	60	55	55	43	35	34	34	37	44	44	44	40	41	47	44	42	41	42	44	47	45	35	39	38	44	42	35	27	30	42.7
ASHLAND DAM 29	MAX	84	90	89	89	73	67	61	70	77	71	82	74	74	79	83	77	80	85	87	86	83	77	83	70	63	71	68	61	49	61	70	75.3
	MIN	60	51	52	51	57	47	42	36	36	38	38	44	46	44	48	44	43	43	47	43	47	45	39	46	45	39	49	47	43	32	31	44.3
BARBODURVILLE	MAX	94	94	90	89	85	78	69	76	77	79	85	82	84	82	83	85	86	84	87	87	82	85	87	77	69	76	74	71	50	67	75	80.3
	MIN	43	43	51	44	47	51	33	28	32	32	32	36	36	44	47	38	31	40	41	39	37	33	34	39	34	31	52	45	40	28	23	38.2
BARDSTOWN S J PREP SCH	MAX	97	94	93	91	86	67	64	75	77	80	87	87	77	82	84	82	84	87	87	87	88	86	85	79	68	77	75	62	56	65	69	79.9
	MIN	59	52	60	54	58	42	37	30	38	36	42	46	43	41	40	43	39	38	49	40	43	47	44	37	38	35	53	46	36	26	29	42.6
BAXTER	MAX	92	91	89	85	88	80	67	64	70	72	75	78	76	79	74	77	81	82	81	82	82	82	77	77	60	66	72	68	56	44	64	75.2
	MIN	46	49	56	45	49	49	42	32	32	34	45	35	39	39	49	42	35	35	41	41	39	38	34	35	43	34	35	45	41	33	29	40.0
BEAVER DAM	MAX	92	94	91	87	76	65	66	74	78	80	88	79	78	80	83	85	84	86	89	89	89	88	83	70	70	77	69	56	57	66	68	78.6
	MIN	62	57	59	53	57	45	39	29	32	35	42	40	48	38	36	40	40	36	38	40	40	43	45	43	39	31	35	53	45	34	27	28
BENHAM	MAX	94	92	86	87	85	82	62	61	72	75	79	75	80	82	80	72	82	84	83	83	84	80	85	80	82	78	74	70	54	42	60	76.9
	MIN	48	53	55	44	46	50	28	30	30	33	32	36	40	44	45	40	34	36	40	39	38	36	32	34	32	32	40	47	39	34	35	38.8
BEREA COLLEGE	MAX	89	92	90	88	75	68	65	75	77	78	85	78	77	80	82	81	82	86	87	86	87	83	84	65	64	78	72	61	50	64	72	77.5
	MIN	58	57	60	60	56	43	38	32	45	40	48	45	44	48	48	44	41	50	51	50	49	48	46	41	42	38	52	44	38	29	30	45.6
BOWLING GREEN CAA AP	MAX	92	92	87	85	75	68	66	75	76	80	87	78	78	80	82	85	83	86	87	86	87	85	84	66	69	75	63	52	57	63	66	77.3
	MIN	62	59	60	54	55	45	42	35	42	39	44	43	50	43	42	44	41	40	47	46	46	47	47	41	36	38	51	43	36	32	31	44.5
BURGIN OIX DAM	MAX	89	94	92	88	81	73	66	75	77	80	87	79	78	81	84	85	86	87	87	89	88	85	86	78	65	77	72	64	55	60	71	79.3
	MIN	62	53	60	56	59	43	39	34	40	37	43	44	46	44	47	47	46	41	47	44	45	46	44	42	42	38	53	47	39	30	30	44.8
CAMPBELLSVILLE	MAX	90	92	90	87	74	68	65	70	76	79	85	79	77	82	82	82	84	87	86	88	89	87	86	78	71	75	72	60	56	65	68	78.4
	MIN	54	53	54	48	51	41	35	30	34	33	35	39	41	40	39	39	36	39	43	39	41	43	39	35	34	36	48	40	30	22	25	39.2
CARROLLTON LOCK 1	MAX	86	89	88	89	74	64	60	70	74	76	85	75	73	77	81	75	80	84	86	87	86	82	81	74	59	73	68	59	59	64	68	75.7
	MIN	63	48	56	54	54	44	39	32	34	37	42	48	46	40	41	42	38	39	39	43	44	46	44	43	51	36	54	49	49	28	30	43.6
CLERMONT 1 SSE	MAX	89	95	91	88	81	66	64	75	78	81	88	79	76	81	84	80	84	87	88	88	89	86	84	72	69	77	68	59	58	67	70	78.8
	MIN	54	49	60	52	57	39	33	27	33	33	35	42	38	37	38	41	35	34	42	38	39	43	40	34	36	31	53	45	33	24	26	39.4
CORDIN CAA AIRPORT	MAX	90	90	86	87	81	68	63	73	74	77	83	78	79	79	80	81	83	85	85	85	83	81	82	66	67	74	71	55	49	64	73	76.5
	MIN	47	52	51	46	48	38	34	29	33	31	34	37	39	46	44	39	32	40	43	41	39	38	35	36	32	31	51	43	40	25	23	38.6
COVINGTON W 8 AIRPORT	MAX	83	89	87	86	57	60	59	68	72	76	82	71	72	78	81	76	80	82	83	86	85	82	79	55	56	70	63	52	52	63	66	72.6
	MIN	59	52	63	57	48	40	37	35	38	40	52	53	45	43	44	46	42	47	49	52	51	52	50	45	44	39	52	42	38	28	35	45.7
CYNTHIANA 2 SW	MAX	90	91	89	88	87	68	64	72	76	74	85	82	75	78	79	83	78	81	86	84	89	87	82	72	63	78	71	63	55	64	77.8	
	MIN	62	48	51	51	56	41	34	33	34	39	43	45	44	47	48	44	47	48	45	46	46	43	41	37	42	39	52	46	36	28	43.9	
DANVILLE	MAX	95	85	92	89	87	72	68	65	75	77	80	84	77	77	78	84	81	83	86	87	87	88	85	86	65	66	75	70	50	55	65	77.9
	MIN	61	55	58	58	56	43	39	36	38	42	45	47	47	48	47	50	45	47	55	48	49	50	47	42	42	39	40	48	39	33	32	46.0
DEWEY DAM	MAX	96	85	92	89	88	80	69	64	73	76	83	82	77	79	79	82	82	83	85	87	87	85	80	82	63	67	75	73	60	61	67	78.4
	MIN	45	47	48	47	52	50	40	33	32	36	35	40	39	39	43	41	38	40	49	40	47	39	33	34	43	37	38	46	42	33	28	40.2
FARMERS	MAX	94	90	90	89	85	69	65	72	78	78	84	79	75	79	84	82	82	85	87	87	85	83	84	80	63	75	71	68	50	66	72	78.4
	MIN	51	48	53	49	59	41	32	28	32	35	34	37	39	41	42	39	36	37	42	38	41	39	34	41	42	32	50	49	43	28	25	39.9
FORDS FERRY DAM 50	MAX	89	93	89	86	76	61	63	69	75	80	85	74	74	77	79	82	81	84	86	86	89	86	73	66	68	72	57	54	57	65	66	75.5
	MIN	62	62	69	63	55	46	45	38	41	45	51	50	51	45	44	47	45	46	50	50	49	51	51	43	39	43	52	45	38	32	35	47.8
FRANKFORT LOCK 4	MAX	98	89	94	91	90	73	69	64	75	79	81	89	79	76	82	87	81	84	88	90	80	81	65	63	76	68	52	58	71	78.4		
	MIN	51	50	50	54	53	43	40	33	34	35	36	39	44	43	43	47	45	43	49	44	43	44	43	81	44	43	36	38	42	39	28	32
GLASGOW WKAY	MAX	93	95	87	87	82	67	65	74	75	78	85	76	78	77	80	85	82	85	85													

# DAILY TEMPERATURES

KENTUCKY  
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Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	93	94	88	88	82	69	67	74	77	81	87	83	79	82	85	87	85	86	87	89	89	87	86	73	71	76	71	58	59	67	69	79.6
	MIN	55	53	57	52	59	47	38	31	41	36	43	39	46	40	40	44	39	40	49	42	44	46	45	39	33	37	54	46	35	28	28	42.8
MANCHESTER 4 SE	MAX	91	92	89	87	83	71	64	74	76	79	85	78	81	80	82	83	83	85	84	86	85	82	84	70	68	77	72	59	49	65	75	78.0
	MIN	44	48	48	44	47	52	35	27	32	31	35	36	36	42	51	39	33	38	42	39	38	36	33	42	34	31	51	46	41	31	23	38.9
MAYFIELD 2 S	MAX	95	94	90	89	82	65	66	74	79	83	90	84	78	80	82	86	83	88	89	90	89	90	82	67	69	72	67	55	58	67	65	79.0
	MIN	61	62	63	62	54	43	42	39	43	45	53	51	50	48	42	47	50	45	54	55	51	52	54	40	35	43	51	42	35	31	36	47.7
MAYSVILLE DAM 33	MAX	92	83	87	81	86	64	61	59	66	74	75	83	73	72	75	80	75	78	84	84	85	83	79	81	57	59	71	68	52	49	60	73.4
	MIN	63	47	47	53	53	41	36	35	36	36	36	40	45	42	44	42	40	42	42	45	45	46	40	40	40	40	40	40	40	30	29	42.3
MIDDOLESBORO	MAX	94	91	87	88	85	79	68	73	75	78	82	81	83	80	80	85	85	84	84	87	85	80	84	79	68	76	69	67	50	68	74	79.0
	MIN	45	53	52	45	48	56	36	29	32	33	32	35	37	50	49	44	32	40	39	39	37	36	31	43	36	30	49	45	42	29	23	39.6
MOUNT STERLING	MAX	86	91	90	90	73	66	64	73	77	80	83	80	76	78	83	81	82	86	88	86	85	83	85	79	63	74	69	61	52	64	70	77.4
	MIN	57	54	59	58	55	42	37	34	41	48	38	42	42	41	47	47	45	44	45	48	48	48	41	40	46	38	49	44	39	30	31	44.5
MURRAY	MAX	96	94	89	90	80	68	69	77	81	85	91	80	80	82	84	88	87	89	90	90	89	90	89	70	71	73	61	55	61	69	69	80.1
	MIN	56	58	59	63	57	42	42	32	36	39	45	42	45	39	38	40	40	39	45	45	44	45	45	41	32	37	52	44	36	29	31	43.2
OWENSBORO 2 W	MAX	92	95	89	88	75	61	64	73	78	81	85	80	79	81	83	85	85	85	89	87	89	88	87	68	71	75	65	54	58	65	67	78.1
	MIN	61	60	61	57	55	40	40	32	36	39	47	49	49	40	40	45	41	42	43	46	48	48	48	43	34	40	54	46	37	32	36	44.8
PADUCAH CAA AIRPRT	MAX	93	93	88	85	67	60	64	70	77	79	84	76	76	78	82	86	81	87	85	87	88	88	74	65	69	70	55	55	58	65	64	75.8
	MIN	61	62	66	66	49	45	40	36	38	45	55	48	49	44	42	46	45	39	43	48	48	48	52	39	35	39	47	42	35	32	34	45.7
PADUCAH	MAX	95	94	94	90	88	58	64	64	71	77	82	85	77	78	79	82	88	84	85	88	86	88	88	74	66	67	72	57	56	59	68	77.5
	MIN	62	59	59	60	58	45	45	37	36	44	45	45	50	42	41	42	42	42	44	45	46	47	48	43	35	38	39	45	39	32	33	44.8
PIKEVILLE	MAX	87	91	92	87	83	70	62	75	77	79	84	78	84	78	83	85	84	86	86	87	86	80	81	60	68	79	73	59	51	66	76	78.0
	MIN	51	52	53	48	53	56	48	36	39	39	39	43	44	48	52	45	41	44	49	45	44	42	38	54	52	38	52	51	44	39	33	45.5
PRINCETON	MAX	96	94	89	89	72	68	71	76	80	86	92	80	80	83	85	90	86	89	96	91	90	92	86	71	72	75	57	58	63	68	68	80.4
	MIN	62	56	56	56	55	40	41	32	33	36	40	41	48	39	36	38	37	38	41	43	42	45	46	33	29	37	53	49	31	26	29	41.5
RICHMOND E STATE CDL	MAX	94	86	91	87	87	72	65	63	72	75	76	82	76	75	77	82	80	82	85	85	85	85	81	82	61	64	74	63	50	50	62	75.8
	MIN	60	53	56	56	57	43	38	32	34	37	44	42	45	44	47	49	42	42	45	43	45	46	41	38	39	35	42	49	40	29	28	43.3
RUSSELLVILLE	MAX	93	92	88	88	73	67	67	73	77	80	87	78	77	79	81	85	81	86	87	87	88	87	86	70	69	76	61	57	58	65	68	77.8
	MIN	57	57	58	55	59	46	36	31	41	36	44	41	46	40	38	40	37	38	45	45	40	43	44	37	31	34	55	45	34	28	27	42.2
ST JOHN BETHLEHEM ACAD	MAX	95	88	93	87	87	70	65	65	74	78	79	87	77	75	79	83	78	81	86	85	88	85	84	85	65	67	75	61	49	55	63	77.1
	MIN	67	62	60	57	54	48	41	40	43	45	48	53	46	46	40	39	40	36	40	41	45	50	42	37	34	34	42	45	33	27	28	44.0
SCOTTSVILLE	MAX	92	91	87	85	77	67	66	75	76	80	87	77	77	80	82	84	82	84	85	86	86	85	85	73	69	76	68	59	57	64	68	77.7
	MIN	57	56	59	55	55	44	39	33	35	39	46	41	48	43	43	43	45	44	44	48	46	48	48	40	34	41	54	46	36	29	30	44.2
SHELBYVILLE 2 W	MAX	90	94	90	89	79	69	64	74	77	79	87	78	77	82	83	85	86	88	88	88	86	83	70	65	75	66	58	56	60	68	77.9	
	MIN	62	50	62	57	58	49	38	31	40	39	46	48	45	42	46	48	46	46	45	40	52	53	45	42	43	39	53	46	38	29	30	45.4
SOMERSET 1 N	MAX	89	90	87	87	81	72	64	72	74	78	82	78	78	79	81	81	83	85	84	85	85	82	78	75	68	75	72	61	54	64	71	77.3
	MIN	50	56	53	48	50	44	40	30	34	32	35	36	47	45	42	41	35	41	45	40	41	41	40	38	36	34	51	46	35	24	25	40.5
SUMMER SHADE	MAX	90	91	88	84	78	67	64	74	75	79	85	77	76	79	80	82	83	86	85	86	87	83	85	70	69	75	67	55	54	63	68	76.9
	MIN	54	57	56	53	54	42	38	33	39	37	43	38	43	43	44	43	39	44	52	44	46	47	44	36	31	37	40	39	31	25	28	42.1
VANCEBURG OAM 32	MAX	83	87	86	87	78	62	61	67	75	75	82	73	72	77	80	77	80	80	82	80	84	79	80	69	59	71	70	58	49	60	68	73.9
	MIN	60	48	56	52	56	41	35	34	36	35	39	44	42	44	46	41	40	40	40	42	44	43	37	40	48	38	48	45	41	28	28	42.3
WEST LIBERTY WATER WKS	MAX	92	91	90	89	88	74	71	72	78	79	78	80	82	80	82	84	85	86	88	88	87	88	86	85	72	74	75	74	60	63	62	80.1
	MIN	44	50	50	51	50	38	28	30	28	31	32	32	34	33	32	33	33	35	36	35	38	37	38	35	33	30	32	33	30	20	25	35.0
WILLIAMSBURG	MAX	92	89	87	87	83	78	65	73	74	75	84	76	81	80	79	85	83	84	83	85	83	82	82	69	67	67	73	64	50	64	65	77.1
	MIN	49	55	53	59	51	52	37	32	35	35	37	40	40	46	50	42	34	42	44	43	40	40	37	46	36	40	48	46	46	36	30	42.6
WILLIAMSTOWN	MAX	94	87	91	89	87	72	69	60	70	74	76	83	74	75	79	81	77	81	81	81	87	85	84	79	56	57	75	65	49	59	63	75.5
	MIN	61	57	64	60	57	41	36	41	40	45	46	48	43	48	51	51	51	52	51	50	51	57	52	40	50	41	50	47	38	30	39	48.0
WOLF CREEK DAM	MAX	92	91	90	88	87																											



## STATION INDEX

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Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADDOSON DAM 45	0091	BRECKINRIDGE	7 37 55	86 34	360	7A	7 37 55	86 34	7A CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	MID	U.S. WEATHER BUREAU	2 5 6 7	C
ADOLPHUS 1 N	0092	ALLEN	3 37 59	86 16	600	7A	3 37 59	86 16	7A JOEL M. DEARING	3	C	LIBERTY	4755	CASEY	3 37 21	84 55	55	MID	U.S. WEATHER BUREAU	2 5 6 7	C
ALBANY	0093	CLINTON	3 37 55	85 47	950	7A	3 37 55	85 47	7A MRS. BARBARA M. COOL	3	C	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 35	560	7A	CORPS OF ENGINEERS	3	C
ALLEN	0094	FLOYD	3 37 55	85 43	650	7A	3 37 55	85 43	7A NANNIE AUXIER	2 3 3	C	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	7A	CORPS OF ENGINEERS	3	C
ANCHORAGE	0155	JEFFERSON	7 38 16	85 33	700	7P	7 38 16	85 33	7A C. E. BARNETT	2 3 3	C	LOGGICK 1 S	4882	CLARK	4 37 51	84 02	—	MID	MRS. H. BURGER	3	C
ASHCAMP	0246	PIKE	1 37 16	82 26	1100	6A	1 37 16	82 26	7A HARRY S. RATLIFF	3	C	LONDON 3 SW	4893	LAUREL	2 37 06	84 06	—	MID	U.S. FOREST SERVICE	3	C
ASLAND DAM 29	0247	ASOTY	1 37 27	82 38	514	6P	1 37 27	82 38	7A CORPS OF ENGINEERS	2 3 3	7	LOUISA 2	4963	LAWRENCE	1 36 07	82 37	584	7A	JULIUS H. RANKIN	3	C
BARBOURVILLE	0381	KNDX	2 36 52	83 53	1000	6P	2 36 52	83 53	7A UNION COLLEGE	2 3 3	C	LOUISA 2	4966	LAWRENCE	1 36 07	82 37	584	7A	FRED PERRY	3	C
BARSTOWN S.J. PREP SCH	0397	NELSON	6 37 48	85 28	637	6P	6 37 48	85 28	7A ST. JOSEPH PREP SCH	2 3 3	C	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7 38 13	85 40	558	MID	CORPS OF ENGINEERS	2 3 5 7	C
BAXTER	0450	HARLAN	2 36 51	83 20	1184	7A	2 36 51	83 20	7A C. MONER NOLAN	3 3 3	C	LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 44	474	MID	U.S. WEATHER BUREAU	2 3 5 7	C
BEAVER DAM	0490	OND	3 37 25	86 52	441	6P	3 37 25	86 52	7A E. G. YOUNG	2 3 3	7	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403	6A	CORPS OF ENGINEERS	3	C
BENHAMS	0595	HARLAN	2 36 58	82 57	1580	6A	2 36 58	82 57	7A C. C. WHITEAKER	2 3 3	7	LOUISVILLE WB CITY	4956	JEFFERSON	7 38 15	85 46	457	MID	U.S. WEATHER BUREAU	2 3 5	C
BENTON	0611	MARSHALL	3 36 51	88 20	—	6P	3 36 51	88 20	7A JAMES H. MILLER	2 3 3	7	LOUISVILLE	4967	BALLARD	6 36 58	88 50	370	6P	BLAINE MALONE	2 3 5	C
BEREA COLLEGE	0619	MAISON	4 37 34	84 18	1070	6P	4 37 34	84 18	7A JAMES A. GROSSMAN	2 3 3	C	LUCAS	5002	BARRON	3 36 53	86 02	—	MID	WILLARD E. FOSTER	2 3 5	C
BETRA WATER WORKS	0624	MAISON	4 37 34	84 16	1100	7A	4 37 34	84 16	7A MRS. L. B. GAFFARD	2 3 3	C	MAISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	435	5P	MONER WELBORN, JR.	2 3 5	C
BOWLING GREEN	0904	WARREN	3 37 00	86 26	336	6P	3 37 00	86 26	7A JAMES R. EDWARDS	3	C	MANHATTAN CAVE PARK	5097	EDMONSON	3 37 11	86 06	800	5P	NATIONAL PARK SVC	2 3 5	7
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	7A	3 37 01	86 26	7A TWA-639	3	C	MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850	6P	NORA S. WHITE	2 3 5	C
BOWLING GREEN CAA AP	0909	WARREN	3 36 58	86 26	513	MID	3 36 58	86 26	7A CIVIL AERD. ADM.	2 3 3	7	MAYFIELD SUBSTATION	5239	GRAVES	4 36 46	83 39	364	7A	TWA-5-A	2 3 5	C
BRENT OAM 36	0976	CAMPBELL	7 39 03	84 25	489	7A	7 39 03	84 25	7A CITY BOWLING GREEN	3	C	MAYFIELD 2 S	5239	GRAVES	4 36 46	83 39	364	7A	JOE PAYNE	2 3 5	C
BURNSVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A	3 37 12	86 16	7A CORPS OF ENGINEERS	3	C	MAYFIELD OAM 33	5243	MASON	7 38 58	83 42	524	6A	CORPS OF ENGINEERS	2 3 5	7
BURNOE 2 NE	1120	PIKE	1 37 13	82 35	1638	7A	1 37 13	82 35	7A STINSON SKAGGS	3	C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	7A	MRS. WINNIE E. MORAN	3	C
BURGIN DIX DAM	1127	MERCER	4 37 48	84 43	710	4P	4 37 48	84 43	7A EDWIN E. JOHNSON	3	C	MC KINNEYVILLE	5301	PENDLETON	5 38 36	84 16	—	MID	EDWARD C. GIFFORD	3	C
BURNSVILLE	1137	CUMBERLAND	3 36 47	83 22	600	7A	3 36 47	83 22	7A C. W. WILLIAMS	2 3 3	6	MIDDLESBORO	5389	BELL	2 36 37	83 43	1130	7A	LON L. HERRELL	2 3 5	7
BURNSIDE	1156	PULASKI	2 36 59	84 37	705	7A	2 36 59	84 37	7A MARVIN M. LEE	2 3 3	6	MIDDLESBORO RR STA	5394	BELL	3 38 11	83 26	770	MID	SNEED C. FRIAR	3	C
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	424	7A	2 36 46	87 58	7A THOMAS A. LEWIS	CLOSED 7/53		MIDWAY	5407	WOODFORD	4 58 09	84 41	—	4A	CITY OF MIDWAY	3	C
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	777	6P	3 37 20	85 21	7A CORPS OF ENGINEERS	2 3 3	C	MILLERSBURG	5430	BOURBON	5 38 18	84 09	—	MID	DAVID C. BAILEY	3	C
CARROLL LOCK 1	1345	CARROLL	4 38 41	85 11	480	6P	4 38 41	85 11	7A ALVA MC KINLEY	2 3 3	C	MILLERTOWN	5438	GRAYSON	5 57 27	86 03	580	7A	MRS. D. M. LAWLER	3	C
CENTRAL CITY	1439	MULLENBERG	5 38 23	87 19	712	5P	5 38 23	87 19	7A JACQUES DE ENGINEERS	2 3 3	C	MONTICELLO	5524	WAYNE	2 36 50	84 51	910	7A	E. D. COOPER	3	C
CLEMONTE 1 SSE	1611	BULLITT	8 37 55	85 40	474	5P	8 37 55	85 40	7A JAMES F. PRICE	2 3 3	C	MONTICELLO STATE COLLEGE	5553	ROMAN	5 38 11	83 26	770	MID	H. C. HIGGAM	3	C
CLINTON	1651	HICKMAN	6 36 41	89 00	370	MID	6 36 41	89 00	7A BERNHEIM FOUNDATION	2 3 3	C	MONTICELLO	5640	MONTGOMERY	5 38 04	83 56	930	5P	FRED CARTWILL	2 3 5	C
CLINTON COLLEGE HILL LOCK 11	1704	MAISON	4 37 47	84 06	611	MID	4 37 47	84 06	7A WOODSON D. FRANKLIN	3	C	MUNFORDVILLE	5684	HART	3 37 16	85 53	600	7A	HUBERT E. HODGES	3	C
CORBIN CAA AIRPORT	1801	WHITLEY	5 38 23	84 19	712	5P	5 38 23	84 19	7A CORPS OF ENGINEERS	2 3 3	7	MURRAY	5694	CALLOWAY	9 36 36	88 20	600	6P	MURRAY WATER SYSTEM	2 3 5	7
COVINGTON WB AIRPORT	1855	BOONE	2 36 58	84 40	869	MID	2 36 58	84 40	7A MARSHALL HILL	2 3 3	7	MURRAY HILL 1 NW	6020	HOPKINS	7 37 14	87 47	380	6A	ARTH D. WILLIAMS	3	C
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	—	5P	2 36 50	84 19	7A U.S. WEATHER BUREAU	2 3 3	7	OWENSBORO DAM 35	6033	CAMPBELL	7 58 58	84 16	497	7A	CORPS OF ENGINEERS	3	C
CYNTHIANA	1998	MARRISON	5 38 23	84 19	684	7A	5 38 23	84 19	7A DEPT OF CONS.	3	C	OWENSBORO DAM 46	6096	DAVIES	7 37 47	87 09	420	6P	IRVING D. CLARK	2 3 5	7
CYNTHIANA 2 SW	2003	MARRISON	5 38 23	84 19	712	5P	5 38 23	84 19	7A MARSHALL HILL	2 3 3	7	OWENSBORO DAM 46	6096	DAVIES	7 37 47	87 09	420	6P	CORPS OF ENGINEERS	3	C
DAVELLA	2053	MARTIN	1 37 48	82 32	—	MID	1 37 48	82 32	7A ECLAN-MOORE EXP CD	2 3 3	7	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	398	MID	CIVIL AERD. ADM.	2 3 5	7
DELPHIA 1 E	2132	PERRY	4 57 02	83 07	1780	7A	4 57 02	83 07	7A R. P. COLDRON	2 3 3	7	PADUCAH ARMORY	6117	MC CRACKEN	7 37 05	88 35	344	6A	CITY OF PADUCAH	2 3 5	7
DEMA	2139	KNDY	1 37 25	82 40	850	7A	1 37 25	82 40	7A BERTHA DE LONG	3	C	PAINTSVILLE	6236	JOHNSON	1 37 49	82 48	620	7A	JESSE FAIRCHILD	3	C
DUNDEE BARRETT'S FORD BR	2358	OHIO	5 37 33	86 43	450	7A	5 37 33	86 43	7A DEE A. MAYS	3	C	PIKEVILLE	6253	PIKE	1 37 29	82 31	886	5P	U.S. WEATHER BUREAU	2 3 5	7
DUNHORN	2366	MULLENBERG	5 37 05	87 00	610	7A	5 37 05	87 00	7A MATTIE B. BARNEY	2 3 3	7	PIKEVILLE	6253	PIKE	1 37 29	82 31	886	5P	U.S. WEATHER BUREAU	2 3 5	7
DUNNVILLE	2374	CASEY	3 37 13	84 58	—	7A	3 37 13	84 58	7A J. L. HUFF	3	C	PRINCETON	6275	CALDWELL	2 37 06	87 53	529	5P	ALTON M. MARVILL	2 3 5	7
DYER	2391	BRECKINRIDGE	3 37 43	86 13	—	7A	3 37 43	86 13	7A N. D. DIVENS	3	C	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	631	7A	CORPS OF ENGINEERS	3	C
EDMONTON	2445	METCALFE	3 37 00	88 05	420	MID	3 37 00	88 05	7A LINDIE D. TARTER	3	C	RICHMOND E STATE COL	6805	MAISON	4 37 44	84 18	1085	6A	THOMAS C. HERNDON	2 3 5	7
ELKRON CITY	2528	PIKE	1 37 18	82 21	792	7A	1 37 18	82 21	7A LEON BLAIR	3	C	RUSSELLVILLE	7039	MC LEAN	3 37 32	87 16	384	6A	CORPS OF ENGINEERS	3	C
FALMOUTH	2775	FRANKLIN	3 36 40	84 20	560	6P	3 36 40	84 20	7A CORPS OF ENGINEERS	2 3 3	7	RUSSELLVILLE SUBSTA	7049	LOGAN	3 36 51	86 35	590	6P	WM. B. PORTER	3	C
FLEMINGSBURG	2905	FLEMING	5 38 25	83 43	870	7A	5 38 25	83 43	7A JOHN E. MORAN	3	C	SADEVILLE 2 W	7074	SCOTT	4 38 25	84 35	—	MID	ROBERT W. POSEY	3	C
FLEMINGSBURG P. D.	2908	FLEMING	5 38 25	83 43	750	MID	5 38 25	83 43	7A FRANK H. LAWSON	3	C	ST JOHN BETHLEHEM ACAD	7091	MARDIN	8 37 42	85 59	777	7A	SISTER M. MELITINA	2 3 5	7
FORD LOCK 10	2953	MAISON	4 37 53	84 15	930	6P	4 37 53	84 15	7A MRS. JEAN FLEMING	3	C	SALVIA LOCK 6	7096	MARTIN	8 37 35	85 21	730	MID	ST MARY COLLEGE	3	C
FORDS FERRY OAM 50	2961	CRITTENDEN	7 37 28	88 06	356	6A	7 37 28	88 06	7A MAURICE B. CARPENTER	2 3 3	7	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
FRANKFORT LOCK 4	3028	FRANKLIN	4 38 13	84 52	904	6P	4 38 13	84 52	7A CORPS OF ENGINEERS	2 3 3	7	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
FRANKLIN WATER WORKS	3036	SIMPSON	3 36 43	86 34	691	7A	3 36 43	86 34	7A CORPS OF ENGINEERS	2 3 3	7	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
FREEBURN	3046	PIKE	1 37 34	82 08	727	7A	1 37 34	82 08	7A HERMAN D. NEAL	3	C	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
FRENCHBURG	3052	MONTICELLO	5 37 37	83 39	930	7A	5 37 37	83 39	7A JOHN E. TANNER	3	C	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
GEORGETOWN WATER WORKS	3194	SCOTT	4 36 12	84 33	880	6A	4 36 12	84 33	7A FRENCHBURG SCHOOL	3	C	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	7A	4 38 25	84 53	7A CORPS OF ENGINEERS	2 3 3	7	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
GLASGOW	3241	BARRON	3 37 00	85 55	780	6P	3 37 00	85 55	7A JDE W. ATKINS	3	C	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
GLASGOW WKAY	3246	BARRON	3 37 00	85 55	—	6P	3 37 00	85 55	7A CORPS OF ENGINEERS	2 3 3	7	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
GLENDALE	3252	HARDIN	3 37 36	85 53	700	7A	3 37 36	85 53	7A EMILY M. BEAN	3	C	SALVIA LOCK 6	7129	MERCER	5 37 45	83 05	—	MID	STANLEY GARDNER	3	C
GOLDEN POND 8 N	3295	TRIGG	2 36 54	88 00	—																



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1946.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Days in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations even the depth of snow on the ground is two inches or more. Water equivalent samples are occasionally taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 5, 7 and the Station Index. No record in Tables 2 and 5 is indicated by an empty space.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Seasonal Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

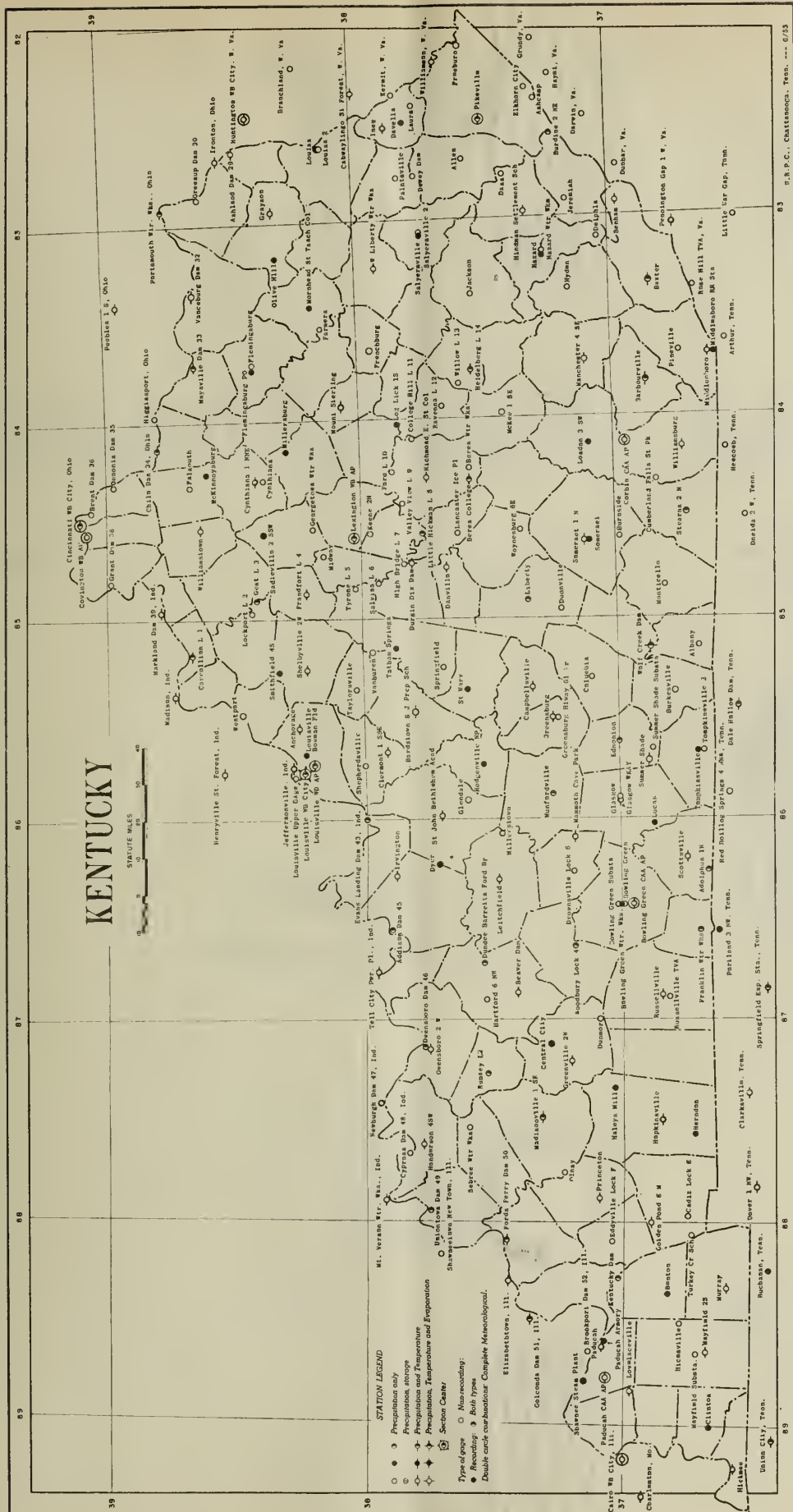
R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

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M.R.P.C., Chattanooga, Tenn. --- 11/30/53 --- 800

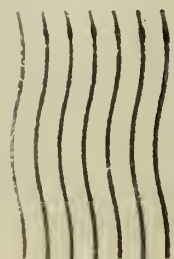
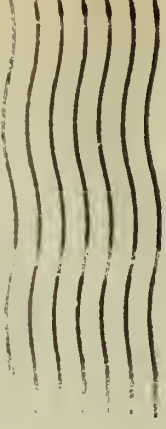


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# CLIMATOLOGICAL DATA

JAN 14 1954

## KENTUCKY

NOVEMBER 1953  
Volume XLVIII No. 11

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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Pleasant weather generally prevailed throughout the greater portion of November. Sunshine was abundant and much above the normal, and there were very few rainy and no severely stormy days. Average temperature was below normal over the three divisions of the state. Extremes of temperatures were well within the records of those experienced in previous years in November. Precipitation was deficient and light in all sections. The shortage of rainfall following the dry period since August accentuated the water shortage in most sections and in many areas the lack of water was critical. Hauling for stock was general and the fire hazard continued unabated. However, toward the end of the month, frequent light rains made a slight improvement in the water supply. The clear dry weather during the first twenty days was ideal for gathering of corn but it prevented the stripping of tobacco and delayed plowing because of dry soil. Snowstorms were generally absent and the fall was much under normal. No snow fell until the 25th, and then not sufficient in quantity to cover the ground except over a few limited areas in the extreme northern and eastern counties.

For the month as a whole temperatures over the state averaged below normal with the eastern division showing the greatest departure and the central the smallest. The month opened with sunny days and mild temperatures but the passage of a cold air mass over the state on the 4th brought an abrupt change to cooler weather. Daily heavy frost or freeze was the rule during the early morning hours through the 9th. Mean daily temperatures ranged as much as 10° to 15° below normal during part of this period and many locations especially in the central and eastern divisions recorded their lowest temperature for the month during the period of the 7th-9th. The following seven days consisted of warm days and cold nights with the average for the week at the seasonal level. From the 16th through the 23rd days were warm and nights mild with daily average temperatures as much as 10 to 15 degrees above the normals. The balance of the month saw considerable temperature fluctuations with the average below seasonal. The mean temperature for the state was 45.5° which is 0.8° below normal. The monthly mean temperature ranged from 49.1° at Louisville WB City to 40.4° at Hindman Settlement School. The highest temperature for the month was 80° at 5 stations on the 3rd; the lowest, 7° at West Liberty Water Works on

the 7th.

Precipitation was deficient in all areas. Measurable precipitation was reported on an average of 4 days which is much below the mean, with the distribution being mostly equal. The amounts at the various stations totalled generally less than 2 inches which in most cases was less than half of normal. Furthermore, there was an extensive area in the central and south central which received less than an inch. A few localities reported over 2 inches. During the first nineteen days there was no rain anywhere in the state. On the 20th general state-wide rain began, and frequent precipitation continued almost as a daily occurrence until the end of the month. The period of heaviest falls was the 21st and 22nd with totals during this interval in excess of one inch, except 1/4 to 1/2 inch in south central and southeast. Frequent light precipitation was reported following the heavier amounts with the average around 1/3 inch with largest totals in the east. Snowfall was unusually light for November, with most areas reporting only traces or none at all. The largest falls were in the extreme northern section and the eastern part of the state. The average precipitation for the state was 1.48 inches which is 2.00 inches below normal. The total amounts recorded at the various locations ranged from 2.60 inches at Munfordville to 0.37 inch at Campbells-ville. The heaviest rainfall reported in any one day was 2.20 inches at Mammoth Cave Park on the 22nd. The monthly average of snowfall was 0.2 inch which is 0.5 inch below normal. The greatest monthly amount was 3.0 inches at Benham. The greatest depth on the ground was 1 inch at several locations on the 25th, 26th, or 27th.

During the first 20 days, there was little farm work being done because of the drouth. Tobacco stripping was limited due to the dryness. Stock feeding was generally near mid-winter level with much water hauling for stock and domestic use. Fall seedings were badly in need of rain and plowing was at a standstill because of the hardness of the soil. With the coming of the rains there was a material improvement in top-soil moisture. Stripping of tobacco was resumed and was the chief activity at the end of the month. Fall seedings showed improvement and some plowing took place. The fire hazard was considerably eased but water hauling was still necessary for stock and in some areas for domestic use. Stock feeding continued heavy. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
NOVEMBER 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	S	17	12.1	-	-	-	67	73	42	56	2	3	1	1	0	0	7	-	3.9
LOUISVILLE WB AP	S	15	8.0	47	SE	20	69	74	44	54	1	2	2	0	1	0	6	67	3.7

## COMPARATIVE DATA

Table 1

NOVEMBER

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days 01 or more
1889	43.1	85	10	6.04	-	-	1914	46.9	83	5	1.23	0.4	5	1939	43.6	79	14	1.16	T	6
1890	48.6	81	19	4.87	-	-	1915	49.8	85	16	4.80	0.4	9	1940	45.8	80	6	3.70	0.9	11
1891	43.5	75	10	6.04	-	-	1916	47.8	83	8	1.52	T	4	1941	46.0	85	9	2.80	T	8
1892	42.8	78	9	3.85	-	-	1917	44.3	78	11	1.23	0.1	5	1942	49.8	80	18	4.88	T	13
1893	44.3	79	- 2	3.12	-	-	1918	46.1	77	19	1.90	0	6	1943	44.5	85	13	1.33	0.2	4
1894	43.3	80	8	1.32	-	4	1919	47.4	78	16	7.31	T	9	1944	46.5	84	18	2.45	0.2	9
1895	45.8	85	16	4.29	-	7	1920	44.7	79	10	2.21	2.8	8	1945	48.1	86	16	5.64	0.1	12
1896	49.3	80	11	5.01	-	8	1921	49.8	79	20	7.96	T	12	1946	51.2	88	15	3.45	0	8
1897	47.8	78	12	4.69	T	10	1922	48.3	87	10	1.93	0.4	6	1947	44.2	70	11	2.82	T	10
1898	43.2	80	10	2.79	0.5	8	1923	46.4	75	16	3.65	0	9	1948	49.7	87	18	7.71	T	14
1899	49.8	79	20	2.12	T	8	1924	47.7	83	13	1.82	0.1	9	1949	45.4	80	11	1.82	0.3	6
1900	47.0	83	15	7.78	1.0	8	1925	44.9	73	8	5.13	0.1	7	1950	41.0	86	- 8	5.20	6.5	13
1901	41.8	82	11	1.52	T	4	1926	42.9	80	0	3.40	2.0	9	1951	40.4	79	6	6.86	1.2	11
1902	42.5	90	20	4.42	0.3	11	1927	51.3	82	13	5.01	0.1	10	1952	46.2	84	10	3.21	2.2	9
1903	42.5	81	5	3.01	2.0	8	1928	46.8	78	10	3.93	T	10	1953	45.5	80	7	1.48	0.2	4
1904	44.7	79	14	0.89	T	3	1929	44.6	81	- 9	4.03	3.0	11	All Years	46.3	3.48	0.7	8		
1905	46.4	79	14	3.55	T	7	1930	47.1	86	- 4	1.82	1.0	10							
1906	46.1	83	11	5.02	2.3	7	1931	55.0	84	19	3.52	T	10							
1907	44.2	75	15	3.49	0.1	7	1932	43.8	78	11	2.71	0.4	9							
1908	48.6	80	8	2.61	0.2	7	1933	45.5	85	10	1.54	T	5							
1909	54.7	86	19	2.29	T	6	1934	50.5	84	14	2.85	T	7							
1910	41.1	78	11	2.04	T	6	1935	47.3	85	11	3.86	T	11							
1911	41.6	85	9	4.51	0.8	8	1936	42.9	81	10	3.50	3.4	5							
1912	45.2	82	10	1.22	0.2	4	1937	43.2	82	6	1.63	0.6	9							
1913	50.5	81	8	3.25	0.9	9	1938	47.9	83	2	3.68	3.7	9							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.



## CLIMATOLOGICAL DATA

KENTUCKY  
NOVEMBER 1953

TABLE 2

Station	Temperature														Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
										Max.	Min.	30° or Above	32° or Below					37° or Below	0° or Below	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
WESTERN DIVISION																									
REAVER DAM	60.7	29.9	45.3	- 2.2	77	18+	14	9	581	0	0	17	0	1.63	- 1.61	1.31	22	.0	0		4	1	1		
FORDS FERRY OAM 50	60.3	36.2	48.3		78	19	19	28	496	0	0	10	0	1.69	- 1.46	1.37	22	T	0		3	1	1		
GOLOEN PDND 8 N	61.7	29.9	45.8		78	3+	13	28	570	0	0	18	0	1.55		1.12	22	.0	0		4	1	1		
GREENVILLE 2 W	61.4	31.3	46.4	- .8	78	3	15	28	552	0	0	20	0	1.76	- 1.68	1.24	22	.0	0		4	1	1		
HENOERSON 4 SW	60.5	35.7	48.1	.6	77	18+	19	28	501	0	0	13	0	1.56	- 1.91	1.20	22	T	0		3	1	1		
HICKMAN 1 E	62.2	29.4	45.8		78	4+	13	28		0	0	22	0	1.65		1.20	22	.0	0		5	1	1		
HDPKINSVILLE	62.4	31.6	47.0	- 1.3	79	4	19	28		0	0	18	0	1.95	- 1.86	1.45	22	.0	0		4	1	1		
LOVELACEVILLE	60.8	31.2	46.0	- 1.8	77	3+	15	28		0	0	19	0	1.53	- 1.97	.98	22	.0	0		3	1	0		
MADISONVILLE 1 SE	61.5	32.2	46.9		78	3	17	28	537	0	0	17	0	1.34		.90	22	T	0		3	1	0		
MAYFIELD 2 S	61.2	36.0	48.6	.1	79	19	19	28	486	0	0	10	0	2.15	- 1.58	1.64	22	.0	0		4	1	1		
MURRAY	63.7	32.1	47.9	.2	80	3	17	28	509	0	0	17	0	1.46	- 1.85	1.18	22	T	0		4	1	1		
OWENSDRO 2 W	60.4	33.6	47.0	.3	77	18	21	28	535	0	0	12	0	1.26	- 2.01	.70	22	T	0		4	1	0		
PAUCAH CAA AIRPORT	59.7	33.4	46.6		79	3	18	28	548	0	0	12	0	1.57		.67	22	T	0		4	1	0		
PADUCAH	61.0	33.3	47.2	- 1.3	78	20	18	28		0	0	16	0	1.56	- 2.28	1.18	22	.0	0		3	1	1		
PRINCETON	63.0	28.8	45.9	- 1.2	80	3	13	9	569	0	0	20	0	1.57	- 2.10	1.20	22	.0	0		4	1	1		
RUSSELLVILLE	60.7	30.7	45.7	- .6	77	3	17	8+	569	0	0	21	0	2.49	- .76	1.75	22	.0	0		4	2	1		
DIVISION														1.67				T							
CENTRAL DIVISION																									
ANCHORAGE	59.0	30.4	44.7	.1	76	3	16	28	602	0	0	17	0	1.74	- 1.31	1.30	22	.2	0		5	1	1		
BARDSTOWN S J PREP SCH	62.0	31.2	46.6		77	3	17	7	547	0	0	17	0	2.37		2.11	22	T	0	25	4	1	1		
BOWLING GREEN CAA AP	60.2	31.1	45.7	- .7	77	3	20	7+	572	0	0	17	0	1.68	- 2.37	1.48	22	T	0		3	1	1		
CAMPBELLSVILLE	60.6	31.0	45.8		76	3	17	7	569	0	0	22	0	.37		.21	22	T	0		3	0	0		
CARROLLTON LOCK 1	59.2	32.1	45.7		76	3	20	29	572	0	0	16	0	1.17	- 1.76	.87	23	T	0		4	1	0		
CLERMONT 1 SSE	61.4	28.4	44.9		79	3	14	7	596	0	0	20	0	1.73		1.40	22	.0	0		5	1	1		
COVINGTON W B AIRPRT	55.3	34.8	45.1	1.7	71	18+	22	7+	591	0	0	13	0	1.22	- 1.81	.78	22	1.9	1	27	5	1	0		
OANVILLE	60.9	33.4	47.2	1.6	78	4	18	7		0	0	15	0	.80	- 2.52	.41	23	.4	T	26	3	0	0		
OIX OAM	60.3	33.1	46.7		77	3	19	8	544	0	0	17	0	.93		.50	23	.3	T	26	4	1	0		
FRANKFDRT LOCK 4	60.6	29.6	45.1	- 1.2	78	4	18	8		0	0	20	0	2.21	- .93	1.80	23	.0	0		5	1	1		
GLASGOW WKAY	60.2	31.6	45.9		76	19	18	8	565	0	0	16	0	1.46		1.26	22	T	0		3	1	1		
GREENSBURG	62.0	28.0	45.0	- .8	79	4	15	7		0	0	22	0	1.06	- 2.51	.80	23	T	0		3	1	0		
IRVINGTON	60.8	33.9	47.4	.8	80	3	19	7	525	0	0	15	0	1.92	- 1.21	1.11	22	.0	0		4	1	1		
LEITCHFIELD	58.9	34.3	46.6	- .1	74	3+	16	7	542	0	0	13	0	1.90	- 1.89	1.00	22	T	0		4	1	1		
LEXINGTON WB AIRPRT	57.7	34.8	46.3	2.5	74	3	20	7	556	0	0	14	0	1.46	- 1.69	.98	22	1.2	T	26	5	1	0		
LOUISVILLE WB AP	58.7	34.1	46.4	.7	75	3	23	28	552	0	0	12	0	1.90	- 1.22	1.47	22	T	0		5	1	1		
LOUISVILLE WB CITY	58.9	39.2	49.1	2.4	75	3	26	28	471	0	0	6	0	1.54	- 1.54	1.21	22	T	0		3	1	1		
MAMMOTH CAVE PARK	60.8	31.2	46.0	1.9	77	3	16	7	564	0	0	18	0	2.53	- .88	2.20	22	T	0		5	1	1		
ST JOHN BETHLEHEM ACAO	59.9	28.8	44.4	- 1.2	77	4	15	7		0	0	21	0	1.55	- 1.84	.95	22	T	0		4	1	0		
SCOTTSVILLE	60.8	32.5	46.7		78	3	14	7	546	0	0	14	0	1.50		1.21	22	.0	0		4	1	1		
SHELBYVILLE 2 W	59.2	33.2	46.2	1.3	76	3	19	7+	556	0	0	13	0	1.78	- 1.58	1.45	23	T	0		4	1	1		
SOMERSET 1 N	60.3	28.6	44.5		77	3	13	7	608	0	0	21	0	1.59		.94	22	.0	0		5	1	0		
SUMMER SHAOE	60.0	29.1	44.6		76	3	14	7+	603	0	0	18	0	.67		.28	22+	T	0		3	0	0		
WILLIAMSTOWN	57.7	35.0	46.4	1.2	79	20	20	7		0	0	13	0	1.80	- 1.06	1.47	23	T	0		3	1	1		
WOLF CREEK OAM	62.4	28.9	45.7		78	4	17	7+		0	0	20	0	1.02		.52	23	.0	0		4	1	0		
DIVISION														1.52				.2							
EASTERN DIVISION																									
ASHLAND OAM 29	60.3	32.3	46.3	- .5	80	3	19	7	553	0	0	17	0	1.24	- 1.75	.73	23	1.4	T	26+	6	1	0		
BARBOURVILLE			M							0	0	0		.75		.42	25	.0	0		5	0	0		
BAXTER	57.2	26.6	41.9		73	4	15	7+		0	0	24	0	1.79		1.10	23	.4	T	26	4	2	1		
BENHAM	59.1	28.1	43.6		77	2	15	9+		0	0	22	0	1.78		.90	23	3.0	T	1	26	7	1		
BREMA COLLEGE	59.9	34.2	47.1	1.3	78	3	13	7	531	0	0	15	0	1.00	- 2.21	.57	22	T	0		5	1	0		
CORBIN CAA AIRPRT	60.1	25.8	43.0		76	2+	8	7	653	0	0	23	0	.87		.38	22	.1	0		5	0	0		
CYNTHIANA 2 SW			M							1.29				.90	22	.0	0				4	1	0		
DEWEY DAM	60.3	26.3	43.3		79	4	15	7		0	0	26	0	1.39		.74	23	T	T	26	5	1	0		
FARMERS	61.8M	26.5M	44.2M	- .8	78	3	11	7	626	0	0	24	0	1.16	- 1.84	.51	25	T	T	26+	5	1	0		
GRAYSON	61.8M	24.7M	43.3M		78	3	11	7	644	0	0	0			.66	23	.0	0		4	0				
HEIOELBERG LOCK 14	61.9	27.3	44.6	- .9	77	3	14	7+	604	0	0	25	0	1.18	- 1.52	.63	23	T	T	26	5	1	0		
HINOMAN SETTLEMENT SCH	58.3M	22.4	40.4M		75	21	10	7		0	0	27	0	1.42		.70	23	T	0		7	1	0		
INEZ	61.4	26.5	44.0		79	3+	15	9+	623	0	0	24	0	1.33		1.08	25	T	0		3	1	1		
MANCHESTER 4 SE	62.4	26.7	44.6		79	3	10	7	606	0	0	23	0	1.15		.63	22	T	T	26+	4	1	0		
MAYSVILLE OAM 33	58.1	29.9	44.0	- 1.2	75	4+	18	8		0	0	22	0	1.56	- 1.49	.73	23	T	0		7	1	0		
MIDLESBORO	62.3	26.6	44.5	- 1.7	80	3	11	7	607	0	0	22	0	2.04	- 1.33	1.54	23	T	T	26	4	1	1		
MDUNT STERLING	59.5	33.0	46.3	1.9	76	3	13	7	556	0	0	15	0	1.04	- 2.38	.53	24	T	0		6	1	0		
PIKEVILLE	60.0	31.4	45.7	- 1.4	78	3+	19	29	571	0	0	19	0	.99	- 1.79	.33	23	.0	0		7	0	0		
RICHMOND E STATE COL	59.8	32.2	46.0	- 1.2	74	4+	16	7		0	0	19	0	1.12	- 1.96	.59	23	1.0	1	26	5	1	0		
VANCEBORO OAM 32	58.5	29.9	44.2		75	3	16	7	618	0	0	21	0	1.43	- 1.86	.50	23	1.0	1	27	6	1	0		
WEST LIBERTY WATER WKS	60.3	23.6	42.0		78	4	7	7		0	0	24	0	1.61		.78	23	T	0		6	1	0		
WILLIAMSBURG	61.5	28.5	45.0	- 1.9	75	3+	13	7	596	0	0	22	0	1.46	- 1.77	.93	22	.0	0		3	1	0		
DIVISION														1.31				.3							
STATE														1.48	- 2.00			.2							

KENTUCKY  
NOVEMBER 1953

KENTUCKY  
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See Reference Notes Following Station Index  
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# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
NOVEMBER 1953

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE SUBSTA	2.35																					T	2.00	.17		.18							
ST JOHN BETHLEHEM ACAO	1.55																					.03	.95	.38		.19							
SALVISA LOCK 6	2.04																					.04		1.63		.32	.05	T					
SALYERSVILLE 2	1.24																					.06		.51		.52	.02	.04		.09			
SCOTTSVILLE	1.50																				.05	1.21		.12									
SEBREE WATER WORKS	1.45																					T		.95		.30	.20						
SHAWNEE STEAM PLANT	1.27																				.16		.97			.14							
SHELBYVILLE 2 W	1.78																				.01		1.45		.28	T	T		.04				
SHEPHERDSVILLE	1.66																				.07		1.20		.36	.03			T				
SOMERSET 1 N	1.59																				.08	.94		.27	.26	.04							
SPRINGFIELD	2.10																					T	T	1.83		.22	.05						
STEARNS 2 N	.99																							.52		.47							
SUMMER SHADE	.67																				T		.28	.28		.11	T						
SUMMER SHADE SUBSTA	.55																							.23		.32							
TAYLORSVILLE	2.22																					T		1.94		.27	.01		T				
TOMPKINSVILLE 2	.80																					.40		.11		.29							
TURKEY CREEK SCHOOL	1.73																				.07		1.18	.02	.43	.03							
TYRONE LOCK 5	1.90																				.05		1.50		.32	.03	T		T				
UNIONTOWN OAM 49	1.44																				.05	.01	1.07	.01	.05	.23	.02						
VALLEY VIEW LOCK 9	.91																					.05	.50		.33	.02	T		.01				
VANBUREN	2.42																					.02		1.98		.35	.05	.02					
VANCEBURG OAM 32	1.43																				.20	.50			.45	.08	.13		.07				
WAYNESBURG 6 E	1.06																				.08		.60		.33	T	.05						
WEST LIBERTY WATER WKS	1.61																				.10	.78			.45	.13	.10		.05				
WESTPORT	1.71																				T	T	1.15	.42	T	T	T		.04	.10			
WILLIAMSBURG	1.46																					T		.93		.14	.39						
WILLIAMSTOWN	1.80																					.03		1.47		.30			T				
WILLOW LOCK 13	1.21																					.09		.62		.42	.06	.02					
WOLF CREEK OAM	1.02																					.10		.52		.36	.04						
WOODBURY LOCK 4	2.02																					.04	1.16	.50		.32							



# DAILY TEMPERATURES

KENTUCKY  
NOVEMBER 1953

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHDRAGE	MAX MIN	72 33	75 37	76 39	59 38	48 31	47 24	48 17	54 22	60 19	61 20	65 24	56 28	61 24	69 27	73 30	72 30	71 29	74 34	75 41	67 49	64 35	60 38	54 36	54 40	42 23	35 31	42 31	36 16	50 20	51 35	59.0 30.4	
ASHLAND DAM 29	MAX MIN	72 34	76 34	80 36	67 38	53 34	43 27	42 19	55 33	59 27	60 25	65 26	60 29	57 29	61 30	73 29	72 31	70 29	69 29	72 32	74 38	74 56	73 42	65 38	60 38	53 36	38 31	43 32	38 32	42 21	42 35	60.3 32.3	
BARBUDRVILLE	MAX MIN																																
BARDSTOWN S J PREP SCH	MAX MIN	71 34	75 39	77 37	76 44	57 32	46 24	45 17	54 20	60 18	62 19	65 22	64 30	60 24	70 26	74 30	73 30	73 30	75 33	76 41	75 50	68 39	64 46	54 38	55 40	54 33	45 33	44 33	48 24	48 20	52 32	62.0 31.2	
BAXTER	MAX MIN	72 30	69 29	71 29	73 29	58 38	48 31	42 15	41 15	50 15	53 25	55 26	59 29	56 21	60 22	55 22	66 21	67 21	61 22	66 23	71 28	71 54	69 23	55 28	53 36	38 31	38 31	47 31	37 17	45 18	57.2 26.6		
BEAVER DAM	MAX MIN	72 31	76 33	76 35	64 43	54 33	47 25	48 15	54 16	57 14	61 16	66 21	60 24	64 23	71 26	73 26	73 26	73 26	77 33	77 44	69 49	67 53	60 47	55 43	51 42	45 34	43 31	46 33	39 17	52 20	52 30	60.7 29.9	
BENHAM	MAX MIN	73 25	77 27	75 29	73 37	55 38	47 30	45 16	53 20	50 15	56 17	55 16	61 18	60 20	63 21	65 22	62 23	69 23	69 24	68 28	75 29	71 57	71 55	64 43	54 39	53 34	38 29	38 34	43 29	44 15	46 29	59.1 28.1	
BEREA COLLEGE	MAX MIN	74 40	75 42	78 48	61 47	51 30	39 21	44 13	54 28	58 26	61 25	65 28	57 27	60 27	69 31	72 36	73 41	74 38	74 42	75 40	73 43	72 53	67 48	55 38	60 40	43 32	34 29	44 32	40 24	45 27	51 37	59.9 34.2	
BDWLING GREEN CAA AP	MAX MIN	70 34	73 34	77 37	61 45	51 33	47 25	47 20	54 21	57 21	62 22	66 24	60 29	64 26	70 27	72 30	73 29	72 30	73 32	75 40	68 53	66 37	63 42	55 42	56 35	47 33	41 31	47 28	39 20	50 22	51 31	60.2 31.1	
CAMPBELLSVILLE	MAX MIN	70 29	74 29	76 32	68 43	55 28	45 20	46 17	52 20	59 18	62 23	65 24	64 32	63 26	69 28	70 30	71 29	74 30	74 32	75 42	74 57	69 45	66 47	54 38	56 40	43 33	41 29	43 32	40 26	46 21	53 31	60.6 31.0	
CARROLLTON LOCK 1	MAX MIN	70 34	73 37	76 43	67 40	54 33	43 28	47 22	56 29	58 23	62 21	65 25	55 27	58 27	68 34	73 37	72 30	70 30	74 30	76 36	72 49	66 40	61 39	52 42	56 39	44 35	36 31	38 32	38 22	48 20	49 36	59.2 32.1	
CLERMONT 1 SSE	MAX MIN	72 30	76 34	79 37	69 37	53 31	46 24	47 14	55 19	60 16	64 17	67 23	58 25	63 21	71 24	75 29	74 27	75 26	75 27	77 36	69 55	67 33	63 38	55 34	57 38	46 32	39 30	44 33	41 16	51 29	54 29	61.4 28.4	
CORBIN CAA AIRPRT	MAX MIN	72 32	76 27	76 29	59 38	49 32	44 18	45 8	53 12	58 13	59 19	65 16	59 20	64 19	70 20	70 22	72 22	73 22	72 24	75 33	71 38	75 44	68 40	55 33	58 37	44 31	34 29	45 30	40 20	49 15	53 30	60.1 25.8	
COVINGTON W 8 AIRPRT	MAX MIN	67 40	70 41	69 49	55 37	43 30	43 25	44 22	53 31	53 30	59 26	58 34	49 33	57 24	65 36	70 43	70 41	68 40	71 44	71 45	68 52	64 47	60 40	49 39	53 36	37 30	34 29	35 28	36 22	46 24	42 26	55.3 34.8	
CYNTHIANA 2 SW	MAX MIN																																
OANVILLE	MAX MIN	71 35	75 41	75 44	78 46	60 32	48 24	45 18	47 21	53 27	60 27	62 28	66 30	58 28	61 29	69 33	73 39	73 36	73 38	73 43	75 41	68 50	70 48	65 38	53 40	58 33	44 30	43 30	43 25	40 22	47 26	60.9 33.4	
DEWEY DAM	MAX MIN	74 31	75 31	76 28	79 30	61 27	48 27	40 15	46 21	54 17	60 18	59 20	64 21	59 21	55 27	63 24	72 24	69 22	70 23	64 28	69 23	77 28	74 30	55 37	60 34	43 32	37 30	47 31	37 19	46 28	60.3 26.3		
DIX DAM	MAX MIN	72 38	75 38	77 38	71 48	58 33	45 25	47 19	53 27	60 24	62 25	65 27	58 27	60 26	69 28	73 30	72 31	74 30	73 31	75 49	69 50	69 40	65 49	50 41	59 41	45 33	34 30	43 32	38 24	47 23	50 35	60.3 33.1	
FARMERS	MAX MIN	74 30	76 29	78 31	71 36	55 25	44 20	47 11	56 25	60 17	62 19	66 18	61 21	60 20	68 21	74 22	72 23	75 24	75 29	73 29	75 35	74 52	67 33	60 31	53 31	39 31	43 32	40 28	46 17	48 34	61.8 26.5		
FOROS FERRY OAM 5D	MAX MIN	73 39	76 43	76 47	61 49	54 35	46 29	46 27	54 25	57 29	62 28	65 33	57 34	65 32	70 34	73 39	73 38	72 42	77 50	78 60	72 36	61 44	54 34	52 42	49 34	46 32	43 32	47 19	55 28	56 33	60.3 36.2		
FRANKFORD LOCK 4	MAX MIN	71 33	73 32	75 36	78 36	60 34	47 26	44 19	49 18	55 23	61 21	63 22	65 23	57 27	62 25	68 30	74 28	75 28	74 27	74 38	67 41	67 42	59 40	55 41	56 32	43 34	43 32	40 26	49 21	49 25	60.6 29.6		
GLASGOW WKAY	MAX MIN	72 31	74 34	75 36	61 48	53 34	45 27	45 19	52 18	58 19	61 23	68 24	59 33	63 27	68 29	71 30	71 30	72 29	72 29	76 42	68 57	69 36	67 43	54 37	56 42	48 35	43 34	46 30	40 19	48 20	50 33	60.2 31.6	
GOLDEN PDND 8 N	MAX MIN	73 30	76 34	78 34	69 49	54 35	47 26	47 24	53 15	59 16	63 17	66 22	61 25	67 24	73 26	74 27	73 27	73 20	78 37	78 43	74 60	65 28	59 43	57 34	49 43	49 28	45 34	48 13	48 21	51 26	61.7 29.9		
GRAYSON	MAX MIN	73 29	77 29	78 31	59 33	49 24	42 22	44 11	55 27	57 18	60 28	67 18	55 20	58 19	66 20	74 22	74 22	73 22	73 22	77 27				57 32	60 32	53 34			44 15	47 32	61.8 24.7		
GREENSBURG	MAX MIN	70 30	73 31	75 32	79 35	63 33	50 27	46 15	48 17	53 17	61 17	62 20	66 22	61 22	64 24	71 25	73 25	73 26	75 26	76 28	77 37	68 40	71 40	67 38	54 35	58 31	45 30	45 32	45 29	48 19	56 27	62.0 28.6	
GREENVILLE 2 W	MAX MIN	72 32	75 32	78 41	71 47	55 32	48 25	47 21	55 17	59 21	67 19	67 28	59 25	66 23	72 28	74 32	73 32	72 31	75 37	77 41	70 60	66 33	60 46	54 37	50 42	48 31	45 30	47 33	40 15	52 21	54 28	61.7 31.1	
HEIOELBERG LOCK 14	MAX MIN	74 30	75 29	77 29	74 41	56 31	49 28	49 14	56 19	60 16	65 19	61 22	57 21	60 20	66 22	73 22	73 23	71 23	73 30	74 32	74 32	68 35	65 31	50 32	41 30	41 35	44 30	39 25	48 14	52 30	51 34	61.9 27.5	
HENDERSON 4 SW	MAX MIN	75 42	76 43	75 51	59 45	53 38	47 28	50 22	55 25	59 24	62 25	66 29	58 29	68 28	71 35	75 41	74 41	71 39	77 48	77 63	71 42	63 35	54 42	52 43	48 32	45 32	42 33	47 33	40 29	52 19	52 32	60.5 35.7	
HICKMAN 1 E	MAX MIN	69 30	72 35	76 35	68 48	54 34	50 24	50 25	55 20	55 19	58 19	60 27	65 25	65 25	70 28	70 30	78 28	70 28	76 30	76 42	69 52	66 25	60 36	54 38	56 40	52 23	50 24	48 13	52 22	56 28	62.2 29.4		
HINDMAN SETTLEMENT SCH	MAX MIN	70 25	70 25	72 25	74 29	58 28	47 26	41 10	52 12	50 12	55 14	55 15	61 17	19	64 19	63 19	65 19	66 19	68 21	67 25	71 21	75 25	71 21	72 25	57 34	40 36	43						

# DAILY TEMPERATURES

KENTUCKY  
NOVEMBER 1953

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX MIN	70 31	74 33	77 39	70 47	55 34	47 26	48 16	54 19	59 19	64 22	66 25	62 27	65 25	70 27	72 30	71 29	72 28	72 32	74 41	68 56	67 36	64 43	54 40	54 42	43 35	47 32	44 36	42 18	49 17	49 30	60.8 31.2	
MANCHESTER 4 SE	MAX MIN	74 32	76 27	79 29	77 31	55 38	46 25	47 10	54 13	59 13	58 17	65 17	61 19	62 19	68 19	72 21	73 21	72 30	73 22	73 29	74 32	75 52	71 37	65 35	58 34	55 34	41 30	47 31	40 29	47 16	54 39	62.4 26.7	
MAYFIELD 2 S	MAX MIN	73 37	76 43	78 47	68 48	54 35	48 26	47 26	53 26	57 26	63 28	65 37	61 33	69 31	71 41	73 38	72 39	72 37	73 47	79 51	71 57	61 33	57 43	53 33	49 42	51 38	43 31	45 19	41 26	55 32	57 32	61.2 36.0	
MAYSVILLE OAM 33	MAX MIN	68 30	70 35	73 37	75 40	57 28	45 27	41 19	41 18	53 25	54 24	58 24	64 27	50 27	55 28	66 27	71 31	72 31	72 30	73 22	75 32	63 40	65 39	54 38	58 35	41 32	35 32	40 30	37 21	45 21	58.1 29.9		
MIOOLESBORO	MAX MIN	74 34	78 25	80 28	71 34	56 43	46 31	47 11	56 13	62 13	58 17	61 16	63 17	65 20	67 19	71 20	73 18	76 19	73 20	76 25	74 34	74 57	68 41	60 33	55 42	48 38	40 31	50 31	44 29	46 15	57 30	62.3 26.6	
MOUNT STERLING	MAX MIN	72 40	74 42	76 42	63 41	52 28	44 21	44 13	53 21	58 25	60 23	65 25	58 30	60 25	67 31	72 28	71 38	73 36	73 36	75 41	73 53	70 53	65 45	55 37	61 37	46 31	35 29	41 30	38 26	46 19	45 35	59.5 33.0	
MURRAY	MAX MIN	76 33	79 35	80 37	72 48	54 36	47 29	49 27	56 18	60 19	66 21	68 25	66 27	70 26	75 28	77 29	75 29	78 39	76 50	75 60	65 29	58 44	56 33	52 44	53 28	47 34	47 36	44 17	55 24	59 29	63.7 32.1		
OWENSBORO 2 W	MAX MIN	73 35	76 39	74 42	62 34	53 43	50 31	49 24	55 23	58 22	62 24	65 31	61 27	66 25	70 31	74 33	74 34	72 40	77 34	76 46	70 61	67 35	54 46	52 36	44 41	42 33	44 33	41 21	52 27	59 29	60.4 33.6		
PAOUCAH CAA AIRPORT	MAX MIN	72 36	75 41	79 46	56 42	49 31	47 27	47 23	54 23	57 22	62 24	64 31	60 27	68 30	70 33	73 35	71 34	71 44	74 33	76 48	68 43	60 34	50 44	53 35	48 34	43 34	46 25	54 18	56 34	59.7 33.4			
PAOUCAH	MAX MIN	66 35	74 38	77 40	75 49	57 37	51 30	48 29	48 25	54 22	58 24	63 31	64 30	61 31	68 32	72 33	73 32	72 32	77 36	78 46	71 54	62 36	50 37	54 37	49 31	47 35	48 35	44 18	56 20	61.0 33.3			
PIKEVILLE	MAX MIN	77 36	77 32	78 34	60 44	50 32	45 32	46 21	55 23	47 22	56 23	66 23	58 25	57 29	61 28	72 27	68 28	68 27	63 28	72 30	77 34	78 55	74 47	57 42	59 37	42 37	37 33	49 31	39 30	48 19	53 34	60.0 31.4	
PRINCETON	MAX MIN	76 30	78 33	80 33	61 43	61 33	50 26	52 20	62 15	63 13	64 17	69 21	64 25	72 23	73 26	76 26	75 26	74 26	79 34	78 47	74 58	65 26	56 44	53 29	49 36	49 26	43 29	48 34	55 15	55 21	63.0 28.8		
RICHMONO E STATE COL	MAX MIN	71 36	71 40	73 43	74 47	58 31	47 23	44 16	40 26	53 26	58 23	60 31	64 30	56 24	60 26	67 26	71 32	71 29	72 31	72 37	74 42	72 54	71 45	67 37	54 39	58 33	42 29	43 31	44 28	40 20	46 32	59.8 32.2	
RUSSELLVILLE	MAX MIN	68 29	73 32	77 37	61 46	55 34	47 26	46 18	54 17	57 18	62 20	66 23	60 25	65 23	69 29	73 30	72 29	72 36	74 47	74 60	66 31	59 44	55 40	55 42	48 29	49 30	48 32	40 17	51 21	55 28	60.7 30.7		
ST JOHN BETHLEHEM ACAA	MAX MIN	66 30	71 33	74 34	77 43	58 31	46 25	45 15	54 18	54 13	57 19	63 22	65 29	56 22	63 28	69 28	73 27	72 30	71 40	73 41	75 38	69 38	65 38	59 38	53 38	54 32	42 29	48 28	48 17	39 18	47 28	59.9 28.8	
SCOTTSVILLE	MAX MIN	73 35	75 36	78 42	64 40	50 37	45 27	45 14	53 19	56 20	61 21	68 26	60 25	64 24	70 29	73 34	73 31	73 39	74 46	70 59	70 39	66 46	56 40	58 42	46 34	41 30	47 35	40 18	49 31	52 31	60.8 32.5		
SHELBYVILLE 2 W	MAX MIN	70 30	74 39	76 42	65 42	51 31	46 25	46 19	54 23	59 21	62 25	65 29	57 33	60 30	68 30	73 34	72 35	72 37	74 43	74 53	66 42	65 44	55 40	55 41	42 33	38 31	42 31	48 19	50 22	50 33	59.2 33.2		
SOMERSET 1 N	MAX MIN	70 30	73 29	77 33	61 43	54 34	45 24	46 13	52 15	58 15	62 19	64 17	61 26	64 21	68 22	70 23	72 22	72 24	72 29	75 33	70 53	73 42	66 48	56 38	60 38	47 32	37 29	45 32	40 24	47 18	53 36	60.3 28.6	
SUMMER SHADE	MAX MIN	71 31	75 33	76 35	60 43	53 36	45 22	45 14	52 15	56 17	61 25	65 25	59 27	64 24	69 29	72 29	72 29	74 30	74 40	75 52	70 34	66 39	53 34	57 34	45 33	39 27	46 26	41 18	50 17	50 29	60.0 29.1		
VANCEBURG OAM 32	MAX MIN	70 32	73 33	75 36	64 38	50 28	42 22	42 16	53 20	57 22	58 22	64 23	55 28	56 26	62 27	73 27	71 27	68 28	72 30	70 37	74 53	69 37	58 40	59 36	49 32	36 28	40 29	44 27	45 20	55 36	58.5 29.9		
WEST LIBERTY WATER WKS	MAX MIN	73 25	74 25	77 23	78 25	66 20	50 15	41 7	48 8	55 10	56 15	57 14	58 15	60 15	65 22	70 22	66 30	68 35	70 35	74 35	75 45	68 38	55 30	60 28	44 29	47 32	35 29	42 20	37 11	47 25	60.3 23.6		
WILLIAMSBURG	MAX MIN	70 30	74 29	75 32	61 43	54 36	47 27	46 13	54 15	57 16	58 20	65 19	61 21	64 20	67 19	70 22	72 24	72 24	73 31	75 32	72 56	68 42	63 39	64 38	49 33	45 31	52 31	41 29	47 17	55 37	61.5 28.5		
WILLIAMSTOWN	MAX MIN	69 43	69 44	72 45	73 45	55 30	45 23	42 20	42 21	51 26	55 29	60 32	61 34	53 33	60 34	68 34	70 38	70 43	70 44	74 42	79 47	69 48	65 47	56 39	51 41	55 32	37 29	36 30	37 22	39 23	47 32	57.7 35.0	
WOLF CREEK OAM	MAX MIN	70 33	73 32	76 35	78 36	66 38	55 27	48 17	47 17	54 19	58 20	63 23	67 22	61 25	64 22	69 23	72 25	71 26	73 23	71 27	73 37	68 49	73 47	70 41	58 40	58 35	45 31	46 30	48 26	47 20	51 22	62.4 28.9	

## EVAPORATION AND WIND

Table 6

Station		Day of month																																Total or ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DEWEY DAM	EVAP WIND	.05 2	- 5	.15 5	.12 17	.08 20	.06 52	- 37	- 27	- 23	- 8	- 5	- 7	- 6	- 5	- 1	- 8	- 1	- 0	- 0	- 1	.26 1	- 7	.32 32	- 4	.29 29	.45 45	- 19	.39 39	- 7	- 8	- 446		
DIX DAM	EVAP WIND	.06 8	.07 6	.08 11	.11 16	.09 7	.08 33	.05 14	.04 8	.01 24	.10 11	.06 3	.07 13	.05 5	.03 0	.02 1	.06 9	.05 7	.06 0	.09 10	.12 47	.05 61	.11 36	.25 90	- 81	.06 133	.07 156	.01 88	- -	- -	- 82.06 B 981			
WOLF CREEK DAM	EVAP WIND	.02 0	.09 0	.05 2	.12 7	.17 38	* 59	* 42	* 9	* 4	* 8	* 4	* 7	.55 5	.06 3	.03 0	.02 4	.09 2	.05 1	.04 0	.10 24	.06 58	.06 20	.00 46	.14 27	.11 43	.01 32	.05 43	* 70	* 14	.20 14	2.02 566		

# SNOWFALL AND SNOW ON GROUND

KENTUCKY  
NOVEMBER 1953

Table 7

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ASHLAND DAM 29	SNOWFALL SN ON GND																										.9 T	.2 T	.3				
BENHAM	SNOWFALL SN ON GND																							T		2.0 1	1.0 T	T T	T T				
BOWLING GREEN CAA AP	SNOWFALL SN ON GND																									T							
CORBIN CAA AP	SNOWFALL SN ON GND																									.1	T	T					
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV							T																		.4 T	T T	1.5 1	T	T	T		
DANVILLE	SNOWFALL SN ON GND																										.4 T	T					
DEWEY DAM	SNOWFALL SN ON GND																										T T	T					
FARMERS	SNOWFALL SN ON GND																										T T	T T					
FORDS FERRY DAM 50	SNOWFALL SN ON GND																										T						
HEIDELBERG LOCK 14	SNOWFALL SN ON GND																										T T						
BINDMAN SETTLEMENT SCHOOL	SNOWFALL SN ON GND																										T						
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																							T	.4 T	.8 T	T			T			
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV																								T	T	T						
MAMMOTH CAVE PARK	SNOWFALL SN ON GND																													T			
MAYSVILLE DAM 33	SNOWFALL SN ON GND																										T	T					
MIDDLESBORO	SNOWFALL SN ON GND																										T T						
MURRAY	SNOWFALL SN ON GND																									T							
OWENSBORO 2 W	SNOWFALL SN ON GND																									T	T				T		
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND																									T							
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND																									T			T				
WILLIAMSTOWN	SNOWFALL SN ON GND																													T			



## STATION INDEX

KENTUCKY  
NOVEMBER 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	
ADDISON DAM 45	0031	BRECKINRIDGE	7	57 35	86 34	580		6A CORPS OF ENGINEERS	5	C	LEXINGTON WB AIRPORT	4746	PAYETTE	4 58 02	84 36	978	MID	U.S. WEATHER BUREAU	2 5 5	7 C
ADOLPHUS 1 N	0045	ALLEN	3	36 39	86 16	600		7A IDELL M. DEARING	3	C	LIBERTY	4755	CASEY	3 37 21	84 53	—	—	7A PALLIA L. HANULA	3	C
ALBANY	0063	CLINTON	2	56 42	85 07	650		7A MRS. BARBARA M. COOL	3	C	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 57 43	84 35	360	7A	CORPS OF ENGINEERS	3	C
ALLEN	0095	FLOYD	1	37 35	82 45	630		8A MANHIE AUSTIN	3	C	LOCKPORT LOCK 2	4831	HENRY	4 38 26	84 38	483	6A	CORPS OF ENGINEERS	5	C
ANCHORAGE	0155	JEFFERSON	7	58 16	85 35	700	7P	C. E. BARRETT	2 3 5	C	LONDON 5 SW	4882	CLARK	4 37 31	84 02	—	—	MID MRS. H. BURGER	2 5 5	7 C
ASHCAMP	0246	PIKE	1	37 16	82 26	1100		8A MARY S. RATLIFF	2 3 5	T	LOGAN 1 S	4893	LAUREL	2 37 06	84 08	—	—	MID U.S. FOREST SERVICE	3	C
ASHLAND DAM 29	0254	BOYD	1	58 27	82 36	534	6P	7A CORPS OF ENGINEERS	2 3 5	T	LOUISA	4943	LAWRENCE	1 38 07	82 37	584	8A	JULIUS M. RANKIN	3	C
BARBOURVILLE	0361	KNOX	2	36 52	83 59	1000	6P	6P UNION COLLEGE	2 3 5	C	LOUISA 2	4946	LAWRENCE	1 38 07	82 37	584	7A	FRED PERRY	2 5 5	7 C
BARSTON S. J. PREP SCH	0391	NELSON	3	36 48	85 28	637	6P	6P ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE BONHAM FLD	4951	JEFFERSON	7 38 13	85 40	538	—	MID CORPS OF ENGINEERS	2 5 5	7 C
BARTER	0450	HARLAN	2	36 51	83 20	1164	7A	7A C. HONER NOLAN	2 3 5	C	LOUISVILLE WB AP	4934	JEFFERSON	7 38 11	85 44	474	MID	U.S. WEATHER BUREAU	2 5 5	7 C
BEAVER DAM	0490	OWI	3	37 23	86 52	441	6P	6P E. G. YOUNG	2 3 5	T	LOUISVILLE UPPER GAGE	4953	JEFFERSON	7 38 17	85 48	403	—	6A CORPS OF ENGINEERS	3	C
BENHAM	0595	HARLAN	2	36 30	82 57	1300	8A	8A C. C. WHITEKAT	2 3 5	T	LOUISVILLE WB CITY	4956	JEFFERSON	7 38 15	85 46	457	MID	U.S. WEATHER BUREAU	2 5 5	7 C
BENTON	0611	MARSHALL	9	36 31	88 20	—	—	MID JAMES H. MILLER	2 3 5	T	LOVELEVILLE	4967	ALLARD	6 36 58	85 50	430	6P	BLAINE MALONE	2 5 5	7 C
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P	7A JAMES A. GROSSMAN	2 3 5	C	LUCAS	5002	BARREN	3 36 53	86 02	—	—	MID WILLARD E. FOSTER	2 5 5	7 C
BEREA WATER WORKS	0624	MADISON	4	37 34	84 16	1100	7A	7A MRS. L. B. GAFFARO	2 3 5	C	MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	455	SP	7A HONER WELBORN, JR.	2 5 5	7 C
BOWLING GREEN	0904	WARREN	3	37 01	86 26	556	7A	7A JAMES R. EDWARDS	2 3 5	T	MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	800	SP	NATIONAL PARK SVC	2 5 5	7 T
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	556	7A	7A TWA-659	2 3 5	T	MANCHESTER 4 SE	5111	CLAY	4 37 06	89 43	503	6P	7A NORA S. WHITE	2 5 5	7 C
BOWLING GREEN CAA AP	0908	WARREN	3	36 58	86 26	555	MID	6P C. W. WILLIAMS	CLOSED 11/55		MIDFIELD SUBSTATION	5202	GRAVES	7 38 16	88 12	752	—	7A TWA-5-A	2 5 5	7 C
BOWLING GREEN WTR WKS	0914	WARREN	3	37 00	86 26	505	MID	MID CITY BOWLING GREEN	2 3 5	C	MAYFIELD 2 S	5232	GRAVES	6 36 42	88 38	364	SP	MRS. JOE PAYNE	2 5 5	7 C
BRENT DAM 36	0976	CAMPBELL	7	39 05	84 25	497	7A	7A CORPS OF ENGINEERS	5	C	MAYFIELD DAM 33	5233	NASON	7 38 38	85 42	524	6A	CORPS OF ENGINEERS	2 5 5	7 C
BROWNVILLE LOCK 6	1046	EDMONSON	5	57 12	86 16	410	7A	7A STINSON SKAGGS	3	C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	—	7A MRS. WINNIE E. MORAN	3	C
BURDINE 2 NE	1120	PIKE	1	27 15	82 55	1658	8A	8A EDWIN E. JOHNSON	5	C	MC KINNEYSBURG	5301	PENDLETON	5 38 36	84 16	—	—	MID EDWARD C. GIFFORD	2 5 5	7 C
BURGIN DIA DAM	1127	MERCER	4	37 40	84 43	770	4P	6P C. W. WILLIAMS	CLOSED 11/55		MIDDELSBORO	5309	BELL	2 36 57	85 43	1150	SP	7A LON L. HERRELL	2 5 5	7 C
BURKESVILLE	1206	TRIGG	2	36 47	83 22	600	7A	7A MARVIN M. LEE	2 3 5	C	MIDDELSBORO RR STA	5394	BELL	2 36 57	85 43	1150	—	MID SWEED C. FRIAR	2 5 5	7 C
CADIZ LOCK E	1206	TRIGG	2	36 46	87 58	424	7A	7A CORPS OF ENGINEERS	3	C	MIDWAY	5407	WOODFORD	4 38 09	84 41	—	—	8A CITY OF MIDWAY	2 5 5	7 C
CAMPBELLVILLE	1256	TAYLOR	3	37 20	83 21	727	6P	6P ALVA MC KINLEY	2 3 5	C	MILLERSBURG	5430	BOURBON	3 36 18	84 09	—	—	MID DAVID C. BAILEY	3	C
CARROLLTON LOCK 1	1543	CARROLL	4	38 41	83 11	480	6P	6P CORPS OF ENGINEERS	2 3 5	C	MILLERTON	5434	GRAYSON	3 37 27	86 03	380	—	7A MRS. O. LAMLER	3	C
CENTRAL CITY	1949	MULLENBERG	3	37 17	87 07	—	—	MID JAMES F. PRICE	2 3 5	C	MONTICELLO	5434	GRAYSON	3 37 27	86 03	380	—	7A E. O. COOPER	2 5 5	7 C
CLERMONT 1 SSE	1951	MULLENBERG	3	37 17	87 07	—	—	SP BERNHIE FOUNDATION	2 3 5	C	MOREHEAD STATE COLLEGE	5553	ROMAN	3 36 11	86 26	770	—	7A MRS. C. MAGGAN	3	C
CLINTON	1651	HICKMAN	6	56 41	89 00	570	7A	MID WOODSON D. FRANKLIN	2 3 5	C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	85 36	930	SP	SP FRED CARTMILL	2 5 5	7 C
COLLEGE HILL LOCK 11	1704	ESTILL	4	57 47	84 06	613	7A	7A CORPS OF ENGINEERS	3	C	MUNFORDVILLE	5644	HART	3 37 16	85 33	400	—	7A HUBERT E. HODGES	3	C
COLUMBIA	1722	ADAIR	3	37 06	83 18	729	7A	7A MRS. HAZEL B. PICKETT	2 3 5	T	MURRAY	5644	CALLONAY	9 36 36	88 20	600	6P	6P MURRAY WATER SYSTEM	2 5 5	7 T
CORBIN CAA AIRPORT	1601	WHITLEY	2	36 58	84 08	1173	MID	MID CIVIL AERO. ADM.	2 3 5	T	OLIVE HILL 1 NW	6012	CARTER	7 38 10	85 11	752	—	7A LOTT A. ORA HOOPER	2 5 5	7 C
COWINGTON WB AIRPORT	1601	WHITLEY	2	36 58	84 08	1173	MID	U.S. WEATHER BUREAU	2 3 5	7 C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 50	84 19	—	—	SP KY DEPT OF CONS.	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
CYNTHIANA	1969	HARRISON	5	38 23	84 18	684	7A	7A MARSHALL HILL	2 3 5	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
CYNTHIANA 2 SW	2005	HARRISON	5	38 23	84 19	712	3P	SP ECKLAR-MOORE EXP CO	2 3 5	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DANVILLE	2040	BOYLE	4	37 59	84 46	935	7A	7A R. P. COLDRIN	2 3 5	7	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DAVELLA	2053	MARTIN	1	37 48	82 52	—	—	MID BERTHA DE LONG	2 3 5	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1780	5P	SP DEE A. MAYS	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DEMA	2159	KNOTT	1	57 25	82 48	850	5P	SP HATTIE B. BARNEY	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DEWEY DAM	2180	FLOYD	1	37 45	82 47	633	7A	7A CORPS OF ENGINEERS	2 3 5	6 T C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DIX DAM	2230	MERCER	4	37 40	84 43	912	4P	7A C. W. WILLIAMS	2 3 5	6 T C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DUNDEE BARRETT'S FORD BR	2330	OWI	3	37 53	86 45	600	7A	7A J. L. HUFF	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DUNNOR	2566	MULLENBERG	3	37 05	87 00	610	7A	7A M. D. GIVENS	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DUNNVILLE	2374	CASEY	3	37 15	84 38	—	—	BA LINDIE D. TARTER	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
DYER	2391	BRECKINRIDGE	3	37 43	86 13	—	—	MID LENA BLAIR	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
EDDYVILLE LOCK F	2435	LOW	5	58 25	83 45	870	7A	7A CORPS OF ENGINEERS	2 3 5	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
EDMONTON	2469	METCALFE	5	57 00	85 57	—	—	BA JONN E. MORAN	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
ELKHORN CITY	2528	PIKE	1	37 18	82 21	792	7A	8A HARVEY J. FARMER	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FALMOUTH	2775	PEHLETON	3	36 40	84 20	560	8A	7A FRANK H. LAWSON	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FARMERS	2781	ROWAN	5	58 09	83 33	668	6P	7A MRS. C. C. STAMPER	2 3 5	T	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FLEMINGSBURG	2909	FLEMING	5	58 25	83 45	870	7A	7A MRS. JEAN FLEMING	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FLEMINGSBURG P. O.	2909	FLEMING	5	58 25	83 45	870	7A	MID MAURICE B. CARPENTER	3	C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FORD LOCK 10	2935	MADISON	4	57 33	84 15	595	6A	6A CORPS OF ENGINEERS	2 3 5	T C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FORDS FERRY DAM 50	2961	CRITTENDEN	7	57 28	88 06	556	6P	6A CORPS OF ENGINEERS	2 3 5	T C	ONEOTA DAM 55	6033	PAIVESS	7 38 10	85 11	497	—	6A CORPS OF ENGINEERS	2 5 5	7 C
FRANKFORT LOCK 4	3028	FRANKLIN	4	58 13	84 32	504	6A	6A CORPS OF ENGINEERS	2 3 5	C	ONEOTA DAM 55	6033								

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Monthly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table S for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 12/31/53 --- 800

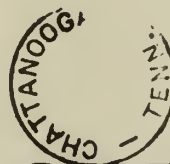




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U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief



FEB 22 1954

# CLIMATOLOGICAL DATA

## KENTUCKY

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Volume XLVIII No. 12

U. S. DEPARTMENT OF COMMERCE  
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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The weather during the month continued the trend of the preceding month inasmuch as temperatures and precipitation were both below normal. Cloudiness was again below the monthly average and sunshine was much above the normal. Extremes of temperature were also well within the records of those experienced in previous years in December. On the whole precipitation, while deficient as compared with the average, was well distributed. It was the largest amount since July of this year and was sufficient to replenish topsoil moisture, to relieve somewhat the water shortage and to remove the fire hazard. However, the subsoil continued dry and some stockwater hauling was still required. Snowfall was slightly under normal and the light snow cover was of some help in preventing cold weather damage to fall grains. There were no severe storms during the month. The chief farm activity was stripping and marketing tobacco. Stock feeding continued heavy.

For the month as a whole temperatures over the state averaged below normal with the eastern division showing the greatest deficiency and the central the least. The first week of the month saw considerable temperature fluctuation with the average for the period well above the seasonal. It was during this interval that most locations recorded their highest temperature for the month. The following week again saw frequent temperature changes and again the average was above the seasonal level. On the 13th cold air masses began moving over the state and beginning on the 14th and continuing through the morning of the 19th, temperatures tumbled to their lowest levels in most locations since the end of January 1952 and in many areas since the extreme cold spell of February 2nd and 3rd of 1951. Zero or below readings were recorded at many stations especially in the central area and in the mountainous east. The period from the afternoon of the 19th through the 22nd was relatively much milder. This was followed by two days of cold weather with the balance of the month again returning to above normal temperatures. The mean temperature for the state was 36.8° which is 1.0° below normal. The monthly mean temperature ranged from 40.1° at Pikeville to 33.5° at Hindman Settlement School. The highest temperature for the month was 75° at Inez on the 4th; the lowest, 7° below zero at

Corbin CAA Airport on the 18th.

Precipitation was deficient in all areas with measurable amounts reported on an average of 9 days which is slightly under the mean. On the whole, rainfall was well distributed with most locations reporting from 2 to 3 inches. The exceptions to this were in the extreme southern counties where amounts were between 3 and 4 inches and in the extreme northern counties and in some eastern counties where amounts were between 1-1/2 and 2 inches. Precipitation was moderate in amounts and more or less general over the state in the periods 5th-6th, 9th-10th, and 14th-15th inclusive. During the first week, total rainfall ranged from 1-1/2 inches in the west to 1/2 inch in east. Rains were frequent from the 7th through the 15th with weekly totals 1/2 inch in west, 1 inch in central, and 1-1/2 inches in east. The balance of the month saw some snow or rain but amounts were generally light. Snowfall was a little less than average for the month with the greatest depth on the ground reported either on the 14th or 15th. The average precipitation for the state was 2.72 inches which was 1.10 inches below normal. The total amounts recorded at the various locations ranged from 4.40 inches at Russellville to 1.21 inches at Keene 2 N. The heaviest rainfall reported in any one day was 2.00 inches at Eddyville Lock F and Turkey Creek School on the 6th. The monthly average of snowfall was 2.5 inches which is 0.2 inch below the mean. The greatest monthly amount was 6.5 inches at Benham. The greatest depth on the ground was 5 inches at Dix Dam on the 14th and at Berea Water Works and Waynesburg 6 E on the 15th.

The rains during the month materially improved topsoil moisture and completely alleviated the fire hazard. The increase in moisture also accelerated the stripping of tobacco with marketing also taking place. Tobacco was generally in fair to good condition. Some plowing also took place during the month. There was little or no cold weather damage to fall grains while there was a snow cover but the low temperatures near the end of the month resulted in some freeze damage. While the rainfall during the month was of material benefit more rain was needed in all sections to replenish subsoil moisture and to relieve the continuing water shortage. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
DECEMBER 1953

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	SSE	24	14.8	-	-	-	76	82	61	71	7	4	5	2	0	0	18	-	5.9
LOUISVILLE WB AP	S	16	9.9	61	SW	4	74	80	61	66	6	2	6	0	0	0	14	58	5.5

## COMPARATIVE DATA

DECEMBER

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more		Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1889	50.2	76	13	1.57	-	-	1914	32.8	70	-16	5.22	7.7	14	1939	38.8	72	-2	2.32	6.6	7
1890	37.8	70	12	3.51	-	-	1915	37.0	64	9	7.56	3.3	12	1940	42.7	75	6	3.16	T	11
1891	42.4	70	15	4.10	-	-	1916	35.5	74	-14	4.23	10.1	10	1941	42.5	72	11	2.80	T	8
1892	34.8	74	-3	4.22	-	-	1917	26.5	72	-21	2.01	17.3	8	1942	36.3	76	-5	5.34	4.5	13
1893	39.0	78	10	2.69	-	-	1918	44.8	75	14	4.44	0.7	12	1943	35.2	68	-1	2.24	1.3	9
1894	38.7	78	-11	4.31	-	10	1919	34.6	68	3	4.93	1.0	7	1944	33.0	63	5	3.62	4.4	11
1895	38.8	77	6	4.43	-	9	1920	38.6	68	4	2.89	2.0	9	1945	31.8	65	-7	2.50	7.6	10
1896	39.6	73	7	1.82	-	4	1921	41.7	73	18	4.40	0.1	7	1946	42.3	77	7	3.19	1.0	7
1897	38.0	72	3	3.75	2.5	10	1922	41.5	77	5	5.64	0.2	12	1947	37.8	73	8	1.77	T	5
1898	34.1	70	-12	2.74	5.7	8	1923	46.6	75	8	6.60	2.1	14	1948	40.5	74	-6	4.49	1.6	10
1899	34.8	70	-15	4.28	2.6	10	1924	35.9	79	-9	5.97	1.2	9	1949	40.9	73	7	5.70	0.3	11
1900	38.6	70	12	2.59	0.1	8	1925	34.8	70	-5	0.89	1.7	5	1950	32.1	74	1	2.38	3.7	8
1901	32.3	72	-22	4.90	5.7	10	1926	37.8	75	5	8.01	0.3	10	1951	39.5	85	-6	7.43	1.4	13
1902	36.7	72	-3	7.36	2.4	12	1927	37.4	77	1	3.37	0.5	12	1952	39.5	73	9	3.87	1.1	10
1903	30.7	58	0	2.88	2.0	7	1928	39.5	72	5	2.32	T	7	1953	36.8	75	-7	2.72	2.5	9
1904	36.4	72	-2	4.30	2.4	11	1929	39.0	76	-15	2.72	6.8	11							
1905	37.3	66	11	4.38	1.2	8	1930	35.4	69	2	2.21	2.6	8							
1906	39.0	76	-9	5.64	1.6	15	1931	46.1	73	17	5.48	0.0	13							
1907	38.5	70	8	3.20	1.0	11	1932	37.9	72	-8	4.32	1.9	12							
1908	39.8	74	7	2.42	0.4	9	1933	44.2	75	-5	4.99	1.4	10							
1909	29.9	79	-14	3.46	3.3	9	1934	37.0	69	5	2.18	1.5	9							
1910	31.1	66	-3	3.37	6.6	8	1935	30.9	63	-14	2.39	9.0	9							
1911	41.8	74	11	6.25	0.4	12	1936	40.5	70	10	4.51	2.0	10							
1912	37.2	73	5	3.98	5.2	9	1937	35.5	68	0	2.94	2.0	12							
1913	39.5	70	11	2.73	1.6	7	1938	37.9	87	3	1.85	0.2	7							

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.



## CLIMATOLOGICAL DATA

KENTUCKY  
DECEMBER 1953

TABLE 2

Station	Temperature										Precipitation															
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days					
										Max.	Min.	Total	Max. Depth on Ground					Date	.01 or More	.50 or More	1.00 or More					
WESTERN DIVISION																										
BEAVER DAM	45.4M	24.9M	35.2M	- 2.9			0	17	924	0	3	1		2.91	-.74	1.15	6	3.5	4	14	6	2	1			
FOROS FERRY DAM 50	48.3	28.7	38.5		67	5	7	18	814	0	3	19	0	2.39	-.52	1.38	6	T	T	14+	8	1	1			
GOLDEN POND 8 N	49.7	26.0	37.9		66	5	0	18	833	0	2	21	1	3.64		1.89	6	2.5	1	14+	7	2	1			
GREENVILLE 2 W	47.7	26.7	37.2	- 1.2	65	5	0	18	855	0	3	22	1	2.89	-.84	1.45	6	2.0	2	14+	5	2	1			
HENDERSON 4 SW	46.8	28.5	37.7	.4	64	5	6	18	839	0	3	20	0	2.43	- 1.38	1.13	6	1.1	1	14	10	1	1			
HICKMAN 1 E	49.0	24.6	36.8		65	6	4	24		0	2	26	0	3.12		1.78	6	T	0		8	1	1			
HOPKINSVILLE	48.3	25.5	36.9	- 1.9	65	6	6	18		0	4	22	0	2.94	- 1.42	1.04	6	.6	1	14	9	3	1			
LOVELACEVILLE	49.1	26.8	38.0	-.9	68	5	5	18+	832	0	2	22	0	3.78	.16	1.38	6	.1	T	14	5	2	2			
MADISONVILLE 1 SE	49.1	27.5	38.3		66	5	4	18	820	0	3	22	0	3.52		1.87	6	1.5	2	14	8	1	1			
MAYFIELD 2 S	48.8	28.6	38.7	- 1.1	68	5	9	18	806	0	3	20	0	2.86	- 1.13	1.07	6	2.0	T	14	7	2	1			
MURRAY	50.3	28.5	39.4	- .3	68	5	8	24	787	0	2	21	0	3.73	-.06	1.78	6	T	T	14+	6	2	1			
OWENSBORO 2 W	46.7	28.3	37.5	.6	67	3	4	18	846	0	4	18	0	2.87	-.53	1.50	6	2.1	2	15+	8	1	1			
PADUCAH CAA AIRPORT	47.3	28.3	37.8		68	5	10	18	836	0	2	19	0	2.72		1.51	5	T	0		7	1	1			
PADUCAH	48.3	26.0	37.2	- 1.6	67	6	7	18+		0	3	22	0	2.58	- 1.01	1.32	6	T	T	14+	8	1	1			
PRINCETON	49.0M	24.3M	36.7M	- 2.0	63	2	3	18	872	0	3	24	0	3.10	-.74	1.46	6	2.0	1	14	6	1	1			
RUSSELLVILLE	48.0	27.6	37.8	.1	66	5	4	18	836	0	3	22	0	4.40	.73	1.71	6				11	2	1			
DIVISION														3.12				1.2								
CENTRAL DIVISION																										
ANCHORAGE	45.5	24.6	35.1	.4	64	4	- 2	17	920	0	4	23	2	2.41	- 1.22	.78	6	3.1	3	14	7	1	0			
BARSTOWN S J PREP SCH	47.5	26.3	36.9		65	4+	- 3	18	864	0	3	22	2	3.65		1.48	14	6.4	3	14	8	2	1			
BOWLING GREEN CAA AP	47.2	25.4	36.3	- 1.6	66	5	5	18	883	0	3	26	0	2.62	- 1.80	.60	6	1.0	1	14+	9	1	0			
CAMPBELLVILLE	47.1	27.5	37.3		67	5	- 2	18	852	0	3	21	1	2.55		.75	14	4.0	4	14	9	1	0			
CARROLLTON LOCK 1	46.3	28.1	37.2		68	8	0	18	854	0	2	19	1	2.05	-.79	.58	6	1.3	0		8	1	0			
CLERMONT 1 SSE	47.7	24.3	36.0		66	5	- 6	18	892	0	2	20	3	2.46		.62	14	2.0	2	14+	9	2	0			
COVINGTON W B AIRPORT	42.9	25.3	34.1	.5	63	4	0	18	949	0	5	21	1	1.58	- 1.25	.42	14	3.6	3	15	10	0	0			
DANVILLE	45.6	25.2	35.4	- 1.0	65	6	0	18		0	4	22	1	2.38	- 1.69	.80	14	5.0	4	14+	10	1	0			
DIX DAM	46.2	28.8	37.5		65	4	2	17+	849	0	4	19	0	2.10		.63	14	4.5	5	14	9	1	0			
FRANKFORT LOCK 4	45.9	23.3	34.6	- 2.4	65	5	2	19		0	5	26	0	2.65	-.72	.68	6				10	1	0			
GLASGOW WKAY	47.2	27.5	37.4		66	5	3	18	847	0	3	22	0	3.14		.77	14	4.0	3	14	9	3	0			
GREENSBURG	47.9	21.9	34.9	- 2.3	68	6	0	18		0	4	27	1	2.58	- 1.49	.57	6+	3.0	3	14+	11	2	0			
IRVINGTON	47.0	27.7	37.4	.4	63	5	0	18	850	0	3	19	1	2.60	- 1.07	.92	6	3.9	1	14+	9	2	0			
LEITCHFIELD	46.1	28.2	37.2	.0	63	4+	3	18	855	0	4	20	0	2.68	- 1.71	.65	6	4.0	3	14+	11	2	0			
LEXINGTON WB AIRPORT	44.3	25.7	35.0	.1	63	4	0	17+	920	0	5	22	2	2.44	- 1.24	.61	14	3.6	2	14+	11	2	0			
LOUISVILLE WB AP	45.6	27.1	36.4	-.5	63	4	7	18	883	0	3	21	0	2.22	- 1.08	.57	6	2.2	1	15	8	1	0			
LOUISVILLE WB CITY	46.4	30.8	38.6	1.0	63	4+	9	17	812	0	3	15	0	2.18	- 1.13	.49	6	2.0	T	14+	8	0	0			
MAMMOTH CAVE PARK	48.5	27.3	37.9	2.7	65	5	- 2	18	832	0	1	20	1	3.12	-.50	.67	6	4.0	4	14	7	5	0			
ST JOHN BETHLEHEM ACAD	45.5	23.0	34.3	- 1.4	63	5+	- 3	18		0	4	23	2	2.67	- 1.43	.80	6	3.0	T	14	9	1	0			
SCOTTSDALE	48.9	29.2	39.1		67	5	2	18	794	0	3	19	0	3.18		.94	6	4.0	4	14	9	3	0			
SHELBYVILLE 2 W	45.5	27.1	36.3	.8	64	4	- 3	17+	884	0	3	18	2	2.60	- 1.25	.72	6	3.9	4	15+	10	2	0			
SOMERSET 1 N	48.2	25.6	36.9		68	4	- 6	18	865	0	2	21	2	2.39		.90	14	3.0	3	14+	12	1	0			
SUMMER SHADE	47.5	24.5	36.0		67	5	- 2	18	889	0	3	23	2	3.05		1.07	6	4.5	4	14	8	2	1			
WILLIAMSTOWN	43.7	24.9	34.3	-.6	67	5	0	18		0	6	24	1	1.88	- 1.49	.65	6	3.7	3	15	9	1	0			
WOLF CREEK DAM	49.4	24.2	36.8		69	6	4	18+		0	3	26	0	3.04		.65	14		0		11	2	0			
DIVISION														2.57				3.5								
EASTERN DIVISION																										
ASHLAND DAM 29	48.0	28.4	38.2	.4	69	4	7	18	822	0	2	23	0	1.90	- 1.27	.51	14	2.5	1	15	15	1	0			
BARBOURVILLE	51.1	24.8	38.0		68	5+	- 3	18	831	0	1	22	2	3.49		1.10	14	1.0	1	16	12	2	1			
BAXTER	47.2	22.9	35.1		67	6	- 3	18+		0	3	25	0	3.62		1.70	10	5.0	4	15	11	2	1			
BENHAM	48.9	22.7	35.8		71	5	- 2	18		0	4	23	2	3.39		1.42	10	6.5	1	15	15	2	1			
BEREA COLLEGE	47.2	28.8	38.0	.2	68	4	0	18	827	0	2	19	1	2.35	- 1.77	.93	14	4.6	3	14	8	1	0			
CORBIN CAA AIRPORT	47.8	22.4	35.1		67	5	- 7	18	920	0	3	24	2	3.03		.64	14	4.0	2	15	14	2	0			
CYNTHIANA 2 SW	47.5M				64	5	0	17		0										1	14	6				
DEWEY DAM	49.7	23.9	36.8		69	5	7	24+		0	3	25	0	1.95		.49	14	1.0	T	15+	8	0	0			
FARMERS	48.8	24.3	36.6	.1	69	4	- 5	18	877	0	2	24	2	2.07	- 1.67	.58	14	3.0	3	15	13	1	0			
GRAYSON	48.0M	24.4M	36.2M		69	4	2	18	901	0	2	26	0	1.76		.53	14	2.5	1	15+	8	1	0			
HEIDELBERG LOCK 14	49.4	23.7	36.6	-.4	69	4	- 3	18	874	0	2	23	1	1.68	- 2.18	.53	14	1.0	1	15	12	1	0			
HINDMAN SETTLEMENT SCH	47.4	19.5	33.5		67	5	- 2	18		0	3	26	2	1.77		.55	10	.5	1	15	11	1	0			
INEZ	50.3	23.6	37.0		75	4	3	18	861	0	2	22	0	2.34		.55	12	.4	T	15	8	2	0			
MANCHESTER 4 SE	50.3	24.2	37.3		69	5	- 3	18	850	0	2	24	1	2.59		.83	10	1.0	1	15	6	2	0			
MAYSVILLE DAM 33	45.9	23.0	34.5	- .8	68	5	1	18+		0	4	27	0	2.61	-.91	.55	15	1.0	0		15	1	0			
MIDDLESBORO	50.9	26.2	38.6	- .6	68	5	2	18	813	0	2	20	0	3.97	-.50	1.79	10	1.5	1	15	12	2	1			
MOUNT STERLING	45.9	26.7	36.3	-.9	67	4	0	18	885	0	2	20	1	3.35	-.59	.70	9	4.0	4	15	12	2	0			
PIKEVILLE	50.4	29.7	40.1	2.3	70	4	9	18	765	0	2	18	0	2.27	- 1.20	.58	9	T	0		9	2	0			
RICHMOND E STATE COL	45.1	25.8	35.5	- 2.8	66	5	2	17+		0	4	25	0	2.90	-.91	.64	14	4.5	3	14+	13	2	0			
VANCEBORO DAM 32	47.1	25.3	36.2		70	4	0	18	886	0	2	23	1	2.07	- 1.23	.38	10	.0	0		14	0	0			
WEST LIBERTY WATER WKS	47.0M	21.3M	34.2M		70	6	0	24		0	2	7	1	2.83		.70	10	5.0	T		11	1	0			
WILLIAMSBURG	50.7	26.3	38.5	-.8	68	4+	- 2	18	813	0	2	21	2	3.24	-.57	.98	14	T	0		9	2	0			
DIVISION														2.63				2.3								

KENTUCKY  
DECEMBER 1953

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADOLSON DAM 45	2,475				.45	1.00				.21	.04	T		.32	.18							.05	.15							T	.35		
ADDLPHUS 1 N	2,447				.60					.20	T		.10	.35	.12							.02	.04							.09	.15		
ALBANY	3,333				.27	.57				.37	.09		.33	.102	.20							.03	.02							.06	.37		
ALLEY	2,495							.15		.37	.38		.11	.90	.42	.20						.12	.10							.18			
ANCHORAGE	2,441			.31		.78				.34							T	.12				.15	.04	T						.35	T		
ASHCAMP	2,457				T			.20		.20	.90		.30	.05	.75	T		.07				T								.10	T		
ASHLAND DAM 29	1,490				T	.05	T	.19		.06	.28		.15	.03	.51	.24	.02	.03				.02	.08		.02					.21	.01		
BARBOURVILLE	3,449				.06			.38		.84	.38		.26	.11	.110			.05				.03	.03						.05	.20			
BARSTOWN S J PREP SCH	3,465			.34		.56				.49	.21			.148	.32							.19	.06							T			
BAXTER	3,462				.02			.20		.05	1.70		.22	.13	.65	.40	T	.01				T	.04							.20	T		
BEAVER DAM	2,491				.47					.29												.02	T								.48		
BENHAM	3,399					.11	.06	.12		.26	.12		.16	.20	.55	.12	.03	.04				.08		T			.03			.06	.11		
BEREA COLLEGE	2,435				.05	.32	.47			.29			.18		.95	.07					.08			T						.28			
BEREA WATER WORKS	2,442						.07			.06	.27		.17		.95	.26						.02	.02							.21	.02		
BOWLING GREEN	2,471				.55	.62				.21	.05		.03		.10	.22					.43	.11								.10	.29		
BOWLING GREEN SUBSTA	3,416				.50	.07	.88			.20	.10		.07		.26	.34					T	.12	.10							.25	.42		
BRENT DAM 36	2,462			.48						.20	.23	.11	T	.07	.38	.12					T	.15	T		T					.47	T		
BROWNSVILLE LOCK 6	3,388				.50		.91			.30	.15		.05		.45							.18	.16							.35	.30		
BURDINE 2 NE	2,469									.59	.60		.20	.10	.75	.25	T	T	T		.05	T								.10	.05		
BURKESVILLE	3,415		T		.30	T	.64	T	T	.26	.15	T	.23	T	.98	.19			T	T		.04	.02	T					.08	.26	T		
CADIZ LOCK E	3,399				.56		1																										

See Reference Notes Following Station Index

# DAILY PRECIPITATION

KENTUCKY  
DECEMBER 1953

Table 3—Continued

Stotion	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RUSSELLVILLE SUBSTA	4.13				.70	1.70				.38	T		T		.32	.03					.25	.10								.39	.26			
ST JOHN BETHLEHEM ACAD	E2.67				.48	.80				.42			.03		E.30	.05						.10									.49			
SALVISA LOCK 6	2.69				.30	.51				.19	.31	.09	T		.73	.26			T		.04	.02	T							.06	.18	T		
SALYERSVILLE 2	2.15				.06	.23				.12	.45		.25	.02	.58	.14						.02	.02								.06	.21	.01	
SCOTTSVILLE	3.18			.63		.94				.24		.14	.12		.80							.02									.27	.02		
SERREE WATER WORKS	2.79		.29			1.54				.19	T			T	.48	T						T	.02								.29			
SHAWNEE STEAM PLANT	2.87				.47	1.61				.18					.31							T	.02								.28			
SHELBYVILLE 2 W	2.60				.34	.72				.37	.16		.02		.53	.12	T	T			T	.05									.06	.23		
SHEPHERDSVILLE	2.64				.41	.93				.33	.05		.05		.37	.10						.02	.07								.08	.23		
SOMERSET 1 N	2.39			.05	.06	.40				.22		.12	.14	.08	.90	.02	T				.09										.29	.02		
SPRINGFIELD	2.54				.25	.71				.40	.19		T		.56	.07						.03	.03								.15	.15		
STEARNS 2 N	2.82				.10	.32				.42	.70		T		.77	1.10			T												.33	.18		
SUMMER SHADE	3.05		.40			1.07				.23		.12	.08		.77							.05									.07			
SUMMER SHADE SURSTA	3.05				.51	1.08				.23	.03		.25		.41	.10						.04	.03							.14	.23	T		
TAYLORSVILLE	2.38				.30	.67				.30	.27		.03		.40							.03	.07							.05	.26			
TOMPKINSVILLE 2	2.54				.38	.82				.23	.16		.26		.33							.05								.04	.27			
TURKEY CREEK SCHOOL	4.05				.48	2.00				.28			.03		.53								.06								.56	.11		
TYRONE LOCK 5	3.09				.31	.72				.26	.44		.11		.55	.34			.02			T	.04	T						.07	.19	.02		
UNIONTOWN DAM 49	2.20				.26	1.34				.11	.01		.01		.15	.01						.01	.04							.20	.06			
VALLEY VIEW LOCK 9	1.65				.11	.28	T			.11	.10		.19		.43	.11			T			.05	.04							T	.23			
VANRUREN	3.09				.32	.78				.30	.40		.08		.48	.27						.05	.11							.05	.25			
VANCEBURG DAM 32	2.07					.05	.09	.15		.06	.38		.09	.02	.36	.37			.01	T		.07	.11	T						.01	.30			
WAYNESBURG 6 E	2.40				T	.43	T			.18	.26				.87	.28						.11	.06							.02	.19			
WEST LIBERTY WATER WKS	2.83				T		.25			.18	.26				.30	.35	.40													.05	.10	.15	.20	
WESTPORT	2.24		.25		.04	.75				.29	T		T		.20	.22	T	T		T	T	.17	T	.10						.10	.20			
WILLIAMSBURG	3.24				.12	.41				.86			.40	.10	.98	.07	T														.10	.20		
WILLIAMSTOWN	1.88		T		.15	.65				.45					.15	.10						.02		.05							.04	.18	.02	
WILLOW LOCK 13	1.87				.02	.21	.12			.12	.14		.20		.38	.21						.03									.02	.25		
WOLF CREEK DAM	3.04				.27	.42	.04			.27	.58		.21	.01	.65	.32														.02	.25			
WOODBURY LOCK 4	2.90				.58	.75				.26	.06		T		.39	.06						.12	.06							.30	.32			

## REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the point office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 85° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

// Gage in equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

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# DAILY TEMPERATURES

KENTUCKY  
DECEMBER 1953

Table 5

Station		Day Of Month																															Average								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31									
ANCHORAGE	MAX	43	60	57		64	62	62		54	60	60		46	43	52		46	39	31	34	20	24		37	49	47		49	31	35		40	45	46		45	44	43	43	45.5
	MIN	22	24	37		42	29	38		26	28	38		29	26	34		24	30	24		10	- 2	- 1		11	35	32		31	12	7		15	24	17		38	34	30	20
ASHLAND OAM 29	MAX	37	56	66	69	63	65		58	64	60		59	40	45		46	44	34	34	26	24		42	54	45		61	42	35		44	48	43		46	47	47	44	48.0	
	MIN	26	23	29		53	30	53		30	23	30		32	24	39		36	33	28		25	12	7		11	32	28		42	22	11		17	29	43		29	41	38	28
BARBOURVILLE	MAX	56	57	62		65	68	63		59	64	68		60	47	43		46	46	45	39	33	25		39	49	56		59	60	33		41	46	48		52	49	51	54	51.1
	MIN	26	20	25		52	23	48		25	17	38		35	21	27		36	33	25		29	0	- 3		5	18	29		45	27	4		10	12	13		32	38	33	26
BARSTOWN S J PREP SCH	MAX	52	60	58		65	63	65		56	60	60		61	47	53		52	44	35	36	26	25		25	50	48		51	33	35		45	40	46		48	46	44	45	47.5
	MIN	26	27	37		52	30	48		26	30	38		31	34	25	41	36	29	21	- 2	- 3		12	24	31		31	31	16	8		16	19	20		27	34	34	24	26.3
BAXTER	MAX	52	52	52		61	63	67		60	53	62		61	42	43		45	48	35	36	34	23		25	41	50		50	59	32		38	41	47		45	46	48	50	47.2
	MIN	26	21	21		25	26	27		30	23	26		36	24	25		39	34	29		27	8	3		3	8	22		36	30	9		9	13	14		16	38	35	26
BEAVER OAM	MAX	57	60	42				57		59	62			50	48	52		47	42	35	36	20	28		40	53	49		49	29	37		42	47	49		47	46	43	46	45.4
	MIN	26	31	40			25		32	43			32	28	37		24	29	17		18	0	2		13	32	36		27	13			15	26	20		36	34	33	20	24.9
BENHAM	MAX	51	51	60		70	71	70		69	59	69		60	40	43		45	47	37	34	31	24		27	41	51		57	62	34		32	36	48		50	48	49	49	48.9
	MIN	28	20	24		26	35	40		27	22	28		34	22	26		38	34	25		27	4	- 2		- 1	5	18		48	34	9		8	11	10		13	39	26	25
BEREA COLLEGE	MAX	52	59	65		68	65	64		55	64	59		45	45	45		46	40	35	35	20	22		39	49	49		55	34	35		46	45	48		46	45	45	43	47.2
	MIN	31	28	34		56	32	54		29	35	42		32	26	38		31	30	24		20	1	0		12	34	37		33	15	8		19	29	24		39	39	37	25
BOWLING GREEN CAA AP	MAX	58	60	60		62	66	65		54	59	61		48	48	55		44	34	35	33	23	27		41	51	49		50	27	37		42	50	48		44	45	43	45	47.2
	MIN	28	29	43		32	30	31		27	28	37		31	27	31		26	29	26		12	7	5		13	29	37		26	11	10		16	22	19		37	37	28	23
CAMPBELLSVILLE	MAX	57	58	58		64	67	65		53	60	60		55	45	48		44	42	34	35	21	25		39	50	48		52	32	35		41	47	48		48	44	44	42	47.1
	MIN	29	30	41		52	30	51		26	27	48		34	27	38		28	28	23		15	1	- 2		11	27	35		31	18	8		17	26	20		36	38	38	22
CARROLLTON LOCK 1	MAX	45	58	56		65	60	61		52	68	60		59	43	51		46	42	34	34	21	26		35	47	47		50	37	35		40	45	47		45	43	43	40	46.3
	MIN	23	25	39		52	32	45		31	32	49		35	27	40		22	33	25		21	4	0		15	35	35		35	17	7		20	30	18		38	33	32	22
CLERMONT 1 SSE	MAX	51	60	58		65	66	65		56	61	60		56	46	55		47	42	33	35	25	27		38	51	48		50	33	36		43	48	48		47	45	43	42	47.7
	MIN	22	20	37		52	26	41		25	33	40		33	22	38		21	30	19		18	- 5	- 6		0	34	38		30	15	1		16	23	14		37	35	34	18
CORBIN CAA AIRPORT	MAX	55	59	64		66	67	63		52	64	58		46	43	44		44	40	34	33	21	26		42	52	55		58	31	38		44	48	47		46	49	49	45	47.8
	MIN	25	21	26		35	25	36		25	18	40		24	21	38		32	28	26		10	- 4	- 7		3	20	37		31	10	4		10	20	12		37	38	30	23
COVINGTON W B AIRPORT	MAX	37	56	58		63	58	61		50	57	57		42	42	49		45	38	30	31	19	19		37	43	45		49	26	33		38	40	46		44	42	38	38	42.9
	MIN	23	25	39		43	34	35		28	34	36		32	29	27		24	29	23		9	3	0		12	34	34		25	12	10		20	26	21		36	33	25	23
CYNTHIANA 2 SW	MAX				58	61	64	62		55		58	56					51	32	34	22	21							53	41	42		53	52	53		45	44	42	45	47.5
	MIN				18	40	23	26		26		25	29					24	24			19	0	2						53	18	10		12	21	24		28	31	32	33
DANVILLE	MAX	50	52	58		61	64	65		61	52	64		58	47	44		47	42	34	35	29	20		24	37	43		53	53	25		35	42	45		46	41	45	42	45.6
	MIN	30	27	33		42	34	34		27	28	35		35	26	28		30	30	23		23	2	0		2	14	34		39	22	9		9	19	25		25	32	38	25
DEWEY OAM	MAX	53	53	59		67	69	67		65	53	68		62	46	41		45	41	39	37	37	26		28	55	57		52	64	32		37	48	49		49	48	47	46	49.7
	MIN	24	22	22		22	26	28		29	20	19		38	22	24		44	34	36	30					10	24	25		33	31	7		7	15	15		23	37	39	30
DIX OAM	MAX	50	58	60		65	63	64		58	64	58		57	44	47		42	42	32	30	20	20		36	47	48		53	34	35		41	45	46		47	43	43	41	46.2
	MIN	31	27	40		53	35	50		28	32	48		35	28	39		30	31	22		18	2	2		12	29	36		33	19	10		19	27	24		33	39	37	25
FARMERS	MAX	49	60	65		69	67	65		58	66	62		62	42	47		46	43	34	35	24	25		40	54	51		56	45	38		44	45	45		47	44	45	40	48.8
	MIN	19	20	29		54	26	46		25	19	30		36	19	37		30	32	26		24	0	- 5		3	24	26		42	21	6		9	21	9		29	36	33	26
FORDS FERRY OAM 50																																									

# DAILY TEMPERATURES

KENTUCKY  
DECEMBER 1953

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX MIN	57 28	60 27	57 42	64 53	65 26	63 44	55 24	59 31	60 48	54 35	47 24	52 38	47 33	48 31	35 25	35 21	34 6	29 -2	40 10	52 31	48 38	53 29	33 11	35 2	42 15	48 25	48 17	50 38	46 38	44 37	42 21	48.5 27.3
MANCHESTER 4 SE	MAX MIN	55 26	61 20	64 23	68 51	69 24	66 41	60 25	68 17	58 32	57 36	42 21	46 30	45 36	45 31	37 26	37 24	26 3	25 -3	44 5	54 18	56 25	60 42	50 24	38 5	43 10	48 14	49 14	50 30	48 37	44 34	44 27	50.3 24.2
MAYFIELD 2 S	MAX MIN	59 30	60 38	60 48	60 47	68 36	61 42	57 30	58 25	58 25	49 36	48 24	51 24	51 28	47 28	41 28	40 27	27 31	32 21	45 21	53 32	48 38	48 23	25 10	37 10	45 19	50 27	50 25	47 36	47 33	46 29	46 23	48.8 28.6
MAYSVILLE DAM 33	MAX MIN	45 25	52 22	59 22	64 32	68 32	65 31	62 30	51 25	62 25	58 36	44 24	42 24	49 28	42 28	35 28	35 27	31 31	21 21	21 1	39 5	49 29	48 36	55 25	28 10	35 10	41 16	48 18	47 12	43 38	41 38	45 27	45.9 23.0
MIDDESBORO	MAX MIN	59 26	59 19	63 25	62 49	68 23	62 43	59 24	62 20	57 38	59 36	48 22	48 39	47 30	45 33	40 29	37 27	28 7	30 2	44 6	52 18	50 31	61 46	53 61	42 28	48 6	52 10	47 12	46 33	48 40	54 42	48 24	50.9 26.2
MOUNT STERLING	MAX MIN	44 26	49 23	63 37	67 51	64 34	64 46	57 27	62 28	59 41	56 30	43 24	44 38	46 28	41 29	32 23	33 17	20 2	23 0	36 13	48 31	47 33	53 33	35 17	34 8	43 16	45 24	45 22	44 38	43 34	43 31	41 25	45.9 26.7
MURRAY	MAX MIN	62 26	60 36	60 49	60 48	68 31	62 42	60 27	60 35	58 43	52 27	47 31	54 36	55 25	47 31	43 20	40 25	30 13	35 9	48 20	55 32	50 43	49 27	33 12	30 8	46 16	53 24	51 22	49 38	46 34	46 31	49 21	50.3 28.5
OWENSBORO 2 W	MAX MIN	60 27	61 34	67 46	60 46	65 34	60 40	55 30	56 44	60 36	48 35	47 31	48 36	49 28	44 30	32 15	21 8	26 4	36 16	50 34	47 38	48 33	28 12	37 12	42 48	46 27	46 24	42 36	47 29	40 30	44 24	46.7 28.3	
PAOUCAH CAA AIRPORT	MAX MIN	60 28	60 40	61 50	57 42	55 38	61 33	57 37	57 41	54 30	49 29	50 33	50 30	52 28	36 32	42 21	33 19	25 12	33 10	42 22	51 35	47 40	46 19	23 12	37 12	43 21	50 24	51 24	43 31	46 33	40 26	47 23	47.3 28.3
PAOUCAH	MAX MIN	58 26	61 26	63 43	61 50	55 35	67 36	54 28	59 32	60 36	58 33	52 29	50 33	50 25	53 26	36 22	42 22	31 13	25 7	35 7	43 18	53 38	48 40	42 11	25 8	29 9	44 24	50 26	51 30	43 32	47 20	41 26	48.3 26.0
PIKEVILLE	MAX MIN	54 27	59 23	60 25	70 57	67 30	68 57	57 37	65 53	58 34	45 34	43 25	45 41	49 43	39 34	40 31	37 26	26 9	29 12	49 24	54 54	65 44	48 26	38 11	48 15	52 17	47 20	50 38	41 30	48 40	46 40	48 32	50.4 29.7
PRINCETON	MAX MIN	62 23	63 29	59 47	60 47	62 38	60 42	59 22	60 29	60 40	52 35	49 25	54 33	51 21	45 30	39 14	39 17	26 7	34 3	45 15	56 20	49 31	27 40	29 23	43 10	51 16	50 9	47 16	48 36	41 30	41 21	49 15	49.0 24.3
RICHMOND E STATE COL	MAX MIN	49 26	51 24	56 31	61 30	66 30	63 40	61 28	50 26	62 39	58 35	45 25	44 31	45 28	43 32	33 25	26 25	19 2	22 2	36 6	48 20	53 31	53 40	25 23	25 10	42 16	45 25	46 21	41 29	44 38	43 25	45.1 25.8	
RUSSELLVILLE	MAX MIN	59 27	60 32	56 47	62 45	66 29	65 42	56 26	60 29	61 42	49 32	48 30	53 34	45 25	43 30	38 22	38 21	23 8	28 4	44 17	51 31	50 40	49 27	39 13	35 8	43 16	49 27	49 21	46 37	44 38	43 33	45 22	48.0 27.6
ST JOHN BETHLEHEM ACO	MAX MIN	53 25	53 28	59 37	60 45	63 28	63 35	60 23	54 27	58 24	59 33	47 25	48 23	53 23	41 23	33 18	35 21	25 -2	18 -3	26 5	38 18	49 34	50 43	48 14	25 6	35 12	41 19	46 17	41 24	44 35	44 34	20 20	45.5 23.0
SCOTTSVILLE	MAX MIN	58 29	62 36	57 46	65 53	67 32	66 45	56 27	60 34	61 46	52 36	47 28	50 39	46 29	44 31	37 25	38 21	25 3	28 2	43 16	52 30	58 39	53 32	32 17	37 7	43 17	48 25	48 22	47 38	46 39	45 38	46 23	48.9 29.2
SHELBYVILLE 2 W	MAX MIN	47 25	59 25	58 39	64 52	62 33	62 44	52 28	62 41	58 42	56 34	42 26	51 38	46 26	41 31	32 22	34 18	20 -3	23 -3	45 10	47 32	46 33	49 33	34 16	34 10	40 18	45 25	46 20	44 36	43 34	42 35	41 21	45.5 27.1
SOMERSET 1 N	MAX MIN	56 19	59 26	64 44	68 53	66 25	63 44	52 23	66 40	60 48	59 29	42 22	46 37	44 29	42 30	33 25	36 23	26 -5	26 6	42 3	51 25	48 35	55 33	36 24	36 6	43 12	47 21	47 15	46 36	47 38	47 37	43 24	48.2 25.6
SUMMER SHADE	MAX MIN	58 25	61 27	60 43	64 47	67 28	63 42	55 22	61 30	60 43	47 29	45 24	48 26	47 26	41 28	36 23	35 13	23 0	26 -2	42 9	50 23	48 33	52 31	37 37	43 13	47 18	48 18	45 35	45 36	44 33	43 19	47.5 24.5	
VANCEBURG OAM 32	MAX MIN	40 23	56 20	65 29	70 50	62 32	64 45	52 29	62 24	60 36	49 35	41 22	48 32	44 29	40 29	34 24	35 19	22 6	20 0	38 8	55 12	42 30	58 36	43 17	42 9	40 19	50 25	49 19	49 30	45 36	44 35	41 24	47.1 25.3
WEST LIBERTY WATER WKS	MAX MIN	52 15	55 20	60 28	60 30	65 35	70 40	65 16	66 25	65 22	62 30	63 35	50 30	44 29	45 30	43 20	35 22	25 3	25 3	27 3	40 3	41 35				20 0	25 8	30 10	40 20	45 30	47 32	45 25	47.0 21.3
WILLIAMSBURG	MAX MIN	58 26	59 22	61 27	68 53	68 25	64 51	59 24	61 26	59 42	59 35	45 23	45 34	46 36	44 31	37 28	38 24	25 -1	26 -2	53 7	52 27	56 44	65 24	45 24	37 5	45 11	49 14	47 14	48 37	54 50	50 36	50 24	50.7 26.3
WILLIAMSTOWN	MAX MIN	45 23	40 23	50 27	60 40	67 36	60 37	60 28	50 33	58 42	57 28	44 34	45 27	50 30	42 31	32 23	30 20	22 1	20 0	25 3	35 21	50 30	51 46	44 16	26 23	39 16	45 20	45 16	40 20	43 30	40 32	40 21	43.7 24.9
WOLF CREEK OAM	MAX MIN	53 28	57 28	60 29	64 49	67 29	69 30	64 26	54 24	67 24	62 37	46 26	45 28	48 31	44 30	33 28	39 26	34 8	30 4	30 4	43 11	55 20	57 42	28 24	38 8	46 16	48 15	50 18	45 39	45 38	48 21	49.4 24.2	

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
DECEMBER 1953

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ASHLAND DAM 29	SNOWFALL SN ON GND															2.0 1	.2 T	.3 T	T	T														
BEAVER DAM	SNOWFALL SN ON GND															3.5 4	3	3	3	2														
BENHAM	SNOWFALL SN ON GND										1.0 T				.5 T	1.0 T	2.0 1	1.0 1	1.0 1	1														
BOWLING GREEN CAA AP	SNOWFALL SN ON GND															1.0 1	1							T										
CORBIN CAA AP	SNOWFALL SN ON GND										T					3.6 1	T 2	.4 1	1	1	1				T T									
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV										T					3.6 2	T 3	T 2	T 2	1	1	1	T	T T										
DANVILLE	SNOWFALL SN ON GND															4.0 4	1.0 4	3	3	3	3	2	1				T							
DEWEY DAM	SNOWFALL SN ON GND															1.0 T	T T	T T								T								
FARMERS	SNOWFALL SN ON GND															T T	3.0 3	2	1	1	1	T				T								
FORDS FERRY DAM	SNOWFALL SN ON GND															T T	T T	T T	T T															
REIDELBERG LOCK 14	SNOWFALL SN ON GND															1.0 1	T	T	T	T	T	T												
HINDMAN SETTLEMENT SCHOOL	SNOWFALL SN ON GND															.5 1																		
HOPKINSVILLE	SNOWFALL SN ON GND															.6 1																		
IRVINGTON	SNOWFALL SN ON GND															3.5 1	.4 1	1	1	1	1	1												
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV										T					3.6 2	T 2	T 2	2	2	2	1	T	T T										
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV															2.2 T	T 1	T	T	T	T			T T										
MAMMOTH CAVE PARK	SNOWFALL SN ON GND															4.0 4	1	1	1					T										
WAYSVILLE DAM 33	SNOWFALL SN ON GND															1.0 T	T	T	T															
MIDDLESBORO	SNOWFALL SN ON GND															1.5 1	T	T	T	T	T	T												
MURRAY	SNOWFALL SN ON GND															T T	T	T	T															
OWENSBORO 2 W	SNOWFALL SN ON GND															1.3 1	.8 2	2	1	1	1	1	T											
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND															T								T										
PIKEVILLE	SNOWFALL SN ON GND																T																	
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND															3.0 T																		
SCOTTSVILLE	SNOWFALL SN ON GND															4.0 4	2	1	1	1	T	T												
WILLIAMSTOWN	SNOWFALL SN ON GND															2.0 2	1.0 3							.2 T	.5 1	T								
WOLF CREEK DAM	SNOWFALL SN ON GND															-																		



# CLIMATOLOGICAL DATA

KENTUCKY  
DELAYED DATA

TABLE 2

Station	Temperature											Precipitation																	
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days							
										Max.	Min.	90° or Above	32° or Below	32° or Below					0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
AUGUST 1953	88.4	60.5	74.5		99	31	59	9+	0	15	0	0	0	4.89	.87	1.42	1	.0	0				7	4	3				
VANCEBURG DAM 32																													

## DAILY PRECIPITATION

Table 3

Station	Day of Month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUGUST 1953																																
VANCEBURG DAM 32	1.42	1.08	.26		.28			.58	1.20								.07	T														
OCTOBER 1953																																
FREEBURN						.32																										

## DAILY TEMPERATURES

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUGUST 1953																																	
VANCEBURG DAM 32	MAX MIN	97 69	95 67	92 69	91 70	87 72	80 61	81 62	83 62	79 59	84 59	85 61	94 61	93 66	90 65	93 60	89 63	83 63	77 52	79 51	79 52	83 51	85 56	90 58	89 57	88 57	94 56	93 55	95 59	96 61	98 60	99 61	88.4 60.4

### CORRECTIONS

MONTH: ANNUAL 1952

Table 2:

Bowling Green WB AP

Annual departure from normal should be  
-13.14.

Franklin Water Works

Annual departure from normal should be  
-12.95.

St. John Bethlehem Academy

Annual departure from normal should be  
-12.57.

MONTH: OCTOBER 1953

Table 2:

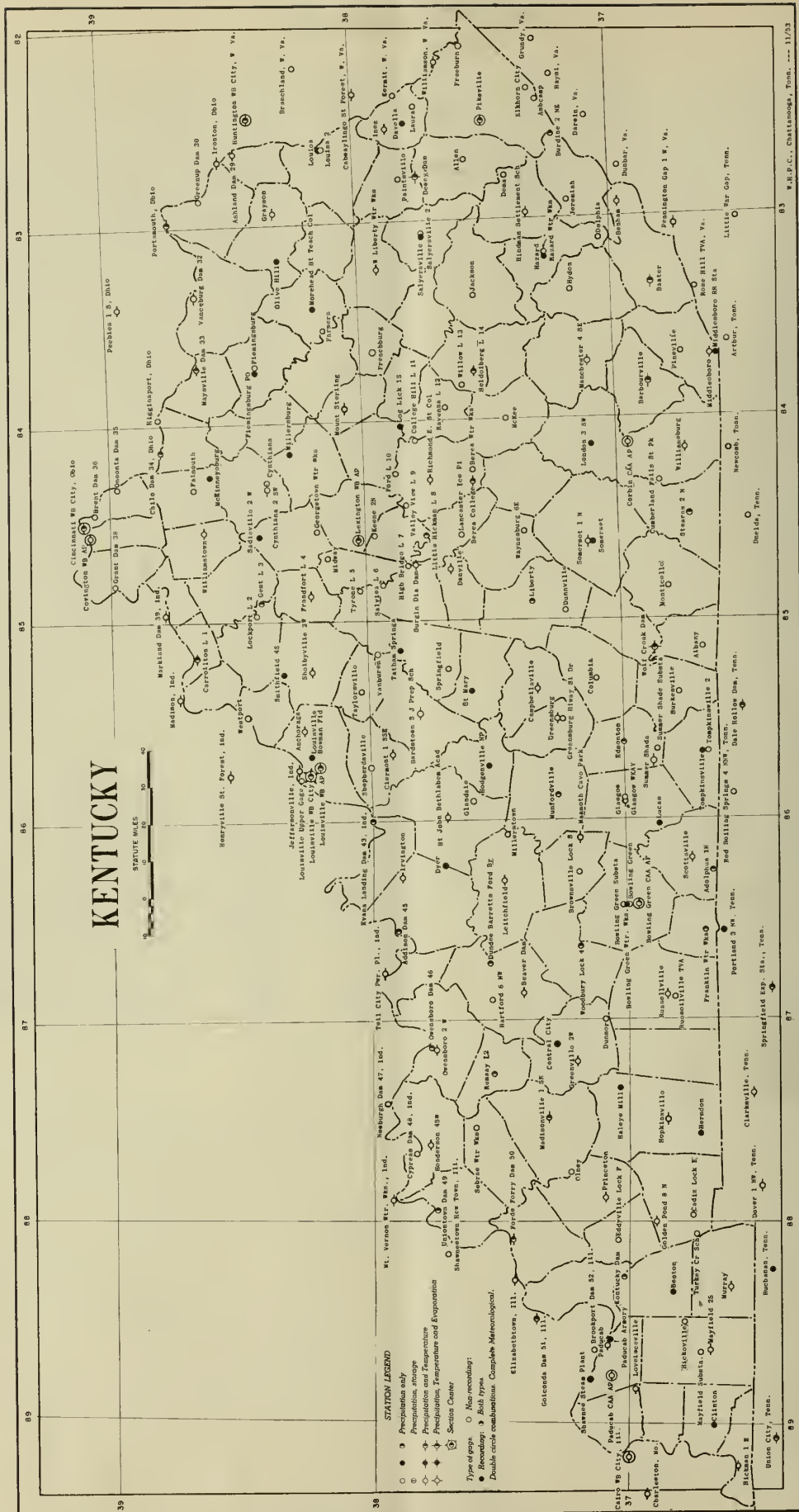
Biodmoo Settlement School

Precipitation total should be 0.38;  
Number days with .01 or more should be  
3.

## STATION INDEX

KENTUCKY  
DECEMBER 1993

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADDITION DAM 43	0031	BRECKENRIDGE	7 37 53	86 34	380	6A	CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 30 02	84 36	979	MID	U.S. WEATHER BUREAU	2 3 3 7 C	
ADOLPHUS 1 N	0043	ALLEN	3 36 39	86 16	600	7A	IDELL M. DEARING	3	C	LIBERTY	4753	CASEY	4 30 02	84 33	979	MID	U.S. WEATHER BUREAU	2 3 3 7 C	
ALBANY	0043	CLINTON	2 36 42	83 07	950	7A	MRS. BARBARA M. COOL	3	C	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 43	84 33	360	7A	CORPS OF ENGINEERS	3	
AMBER	0095	FLOYD	1 37 33	82 43	650	8A	MAHIE AUKER	3	C	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 38	455	MID	MRS. H. BURGER	3	
ANCHORAGE	0153	JEFFERSON	7 38 16	85 33	700	7P	E. E. BARRETT	2 3 5	C	LOCKPORT LOCK 2	4882	CLARK	4 37 51	84 02	—	MID	U.S. FOREST SERVICE	C	
ASHCAMP	0246	PIKE	1 37 16	82 26	1100	8A	MARY S. RATLIFF	3	C	LONDON 3 SW	4993	LAUREL	1 38 07	82 37	384	MID	U.S. FOREST SERVICE	C	
ASHLAND DAM 29	0254	BOYD	7 30 27	82 36	534	6P	CORPS OF ENGINEERS	2 3 5 7	C	LOUISA	4943	LANRENCE	1 38 07	82 37	384	MID	JULIUS M. RANKIN	C	
BARBOURVILLE	0361	KNOX	2 36 32	83 53	1000	6P	UNION COLLEGE	2 3 5	C	LOUISA 2	4946	LANRENCE	1 38 07	82 37	600	7A	EODIE L. YOUNG	3	
BARTON 3 J. PREP SCH	0397	NELSON	8 37 48	85 28	637	6P	ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE BOMMAN FLD	4931	JEFFERSON	7 38 13	85 40	338	MID	CORPS OF ENGINEERS	3	
BEAVER DAM	0430	HARLAN	2 36 51	84 20	1164	7A	C. C. HONER NOLAN	2 3 5	C	LOUISVILLE WB AP	4534	JEFFERSON	7 38 11	85 44	474	MID	U.S. WEATHER BUREAU	2 3 3 7 C	
BENHAM	0490	ON10	3 37 23	86 52	441	6P	E. G. BAKER	2 3 5 7	C	LOUISVILLE UPPER GAGE	4935	JEFFERSON	7 38 17	83 48	403	6A	CORPS OF ENGINEERS	3	
BENTON	0593	HARLAN	2 36 58	82 57	1580	8A	C. C. WHITEAKER	2 3 5 7	C	LOUISVILLE NB CITY	4956	JEFFERSON	7 38 15	85 46	457	MID	U.S. WEATHER BUREAU	2 3 3 7 C	
BERRY COLLEGE	0611	MARSHALL	9 36 51	88 20	700	6P	JAMES H. MILLER	2 3 5	C	LOUISVILLE NB CITY	4967	BALLARD	6 36 58	88 30	370	6P	BLAINE MALONE	2 3 5 7 C	
BERRY WATER WORKS	0619	MADISON	4 37 34	84 18	1070	6P	JAMES A. GROSSMAN	2 3 5	C	LUCAS	5002	BARREN	3 36 33	86 02	—	MID	HILLARD E. FOSTER	3	
BOWLING GREEN	0624	MADISON	4 37 34	84 18	1100	7A	MRS. L. B. GAFFARD	3	C	MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	433	3P	HOMER NELSON, JR.	2 3 5 7 C	
BOWLING GREEN SUBSTA	0904	WARREN	3 37 00	86 26	336	7A	JAMES R. EDWARDS	2 3 5	C	MAMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	800	5P	NATIONAL PARK SVC	2 3 5 7 C	
BOWLING GREEN CAA AP	0907	WARREN	3 37 01	86 26	470	7A	IVA-639	2 3 5	C	MANCHESTER 4 3E	5111	CLAY	4 37 06	83 43	850	6P	NORA S. WHITE	2 3 5 7 C	
BRENT DAM 36	0909	WARREN	3 36 58	86 26	335	MID	CIVIL AERO. ADM.	2 3 5 7	C	MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364	7A	BLAINE MALONE	2 3 5 7 C	
BROWNVILLE LOCK 6	0970	CAMPBELL	7 39 03	84 25	497	7A	CORPS OF ENGINEERS	3	C	MAYFIELD 2 3	5232	GRAVES	6 36 42	88 38	364	3P	MRS. JOE PAYNE	2 3 5 7 C	
BURDINE 2 NE	1046	EDMONSON	3 37 12	86 16	410	7A	STINSON SKAGGS	3	C	MAYVILLE DAM 33	5243	MASON	7 38 38	83 42	524	6A	CORPS OF ENGINEERS	2 3 5 7 C	
BURDINE DIA DAM	1120	PIKE	1 37 13	82 35	1638	8A	EDWIN E. JOHNSON	3	C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	7A	MRS. NIMMIE E. MORAN	3	
BURKESVILLE	1137	CUMBERLAND	2 36 47	83 22	600	AP	C. W. WILLIAMS	CLOSED 11/53	C	MC KINNEYSBORO	5301	PENDELTON	3 38 36	84 16	—	MID	EDWARD C. GIFFORD	2 3 3 7 C	
CADIZ LOCK E	1206	TRIGG	2 36 46	87 38	424	7A	CORPS OF ENGINEERS	3	C	MIDDLEBORO RR STA	5394	BELL	2 36 37	83 43	1130	3P	LOW L. HERRELL	3	
CAMPBELLVILLE	1256	TAYLOR	3 37 20	83 21	777	6P	ALVA MC KINLEY	2 3 5	C	MIDWAY	3407	NOODFORD	4 38 09	84 41	—	BA	CITY OF MIDWAY	3	
CARROLL LOCK 1	1343	CARROLL	4 38 41	85 11	480	6P	CORPS OF ENGINEERS	2 3 5	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	DAVID C. BAILEY	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
CARRIAGE CITY	1401	WHITLEY	2 36 58	84 08	1178	MID	CIVIL AERO. ADM.	2 3 5 7	C	MILLERSBURG	3430	BOURBON	3 38 18	84 09	—	MID	MRS. O. MC LANER	3	
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# CLIMATOLOGICAL DATA

## KENTUCKY

ANNUAL SUMMARY 1953  
Volume XLVIII No. 13

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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Weather conditions in Kentucky during the year were unusually warm and dry. Temperatures averaged above the mean while precipitation was much below the average. Marked departures from seasonal conditions both in temperature and precipitation characterized several of the months. Snowfall was light. The outstanding feature of the year's weather was the prolonged period of sub-normal rainfall which lasted from June through December. While there were no record-setting marks in temperature or precipitation on a monthly or yearly basis, there were some features which are noteworthy. The months of January, May, and June were all within the 10 warmest on record, whereas the average temperature for the month of April was the ninth lowest. The total rainfall amounts during the months of August, September, and October were all within the ten lowest. New September maximum temperature records were recorded at many locations and the high of 106° for the State as a whole equalled the second highest ever recorded during the month. The maximum temperature of 98° in October equalled the all time high for the month. The total rainfall of 5.10 inches for the months August through November was the lowest on record and only 40% of the mean total for that period. The water shortage was acute and in many locations streams stopped flowing. Damage by destructive storms was relatively light in comparison with other years, with most of the damage reported during the months of April through July.

Temperatures averaged above normal in eight months and below normal in four. The annual average temperature of 58.0° was 1.2° above the 65-year mean of 56.8°. There have been but 6 years since 1889 where the annual temperature was higher. The highest annual mean temperature was 60.7° at Murray; the lowest was 54.9° at Maysville Dam 33. The highest temperature for the various stations was reported during the period September 1st through the 4th, and the lowest during the period December 17th through the 19th or on December 24th. The highest temperature reported during the year was 106° at Princeton on September 1st and Frankfort Lock 4 on the 2nd; the lowest was 7° below zero at Corbin CAA Airport on December 18th. The warmest month was July with an average temperature of 77.2° and the coldest December with a temperature of 36.8°. The greatest monthly excess of temperature was in January and amounted to 5.2°; the greatest monthly deficiency was in April and amounted to 2.5°. Maximum temperatures during the months of June through September were all above 100°. On an average, the number of days during the year with the maximum 90° or higher was 72, with the minimum 32° or lower 96, and with the minimum 0° or lower 1 day. The temperature did not rise above 32° on an average of only 4 days. The average last day in Spring when temperatures dropped to 32° or below was April 21st. The first day in fall when temperatures dropped to 32° or below was either October 8th or 30th at most locations.

Precipitation was below normal in nine months and above in three. Beginning in June and continuing to the end of the year, monthly precipitation amounts were all extremely light. Drought became well established in western counties in August and by the end of September most of the State was feeling the effects of insufficient rainfall. The yearly total of precipitation was 36.53 inches which is 9.07 inches below and 80% of the 65-year average of 45.60 inches, making this the seventh driest year since records began in 1889 and the driest since 1941. The greatest monthly excess was 1.42 inches in May; the greatest monthly deficiency was 2.13 inches in August. The wettest month was May with an average of 5.42 inches and the driest month was October with an average of only 0.91 inch. The location which had the largest yearly total was McKee with 250.57 inches; the smallest yearly total was at Carrollton Lock 1 with 24.10 inches. The greatest local amount for any month was 10.23 inches at McKee in June; the least was zero at Hicksville in September. During the year there were only 98 days, as an average, with measurable precipitation, 27 days with precipitation 1/2 inch or more, and 7 days with precipitation 1 inch or more. In Louisville a new record for consecutive number of days without measurable rainfall was set: 36 days from September 20th to October 25th inclusive. Snowfall was rather light with the yearly total of 7.4 inches being 5.6 inches under the 65-year average of 13.0 inches. The month with the largest average amount of snowfall for the State was January with 3.1 inches.

Reports from Kentucky farmers after most of the fall

harvesting was finished indicated that while the late summer and fall drought nearly eliminated pasture growth and reduced late hay production, crop growth earlier in the season was favorable. While drought conditions prevailed throughout the State during the last half of the season, it was the second year in a row of this type of loss for most western counties. For the third successive year an "emergency hay program" was established for one or another group of counties in the State. Pasture conditions reached a level below any previous record. Timely rains at and up until silking time resulted in a favorable corn yield. However, much late corn was a near failure. Extensive feeding of hay and other roughage intended for winter was begun as early as the first of September because of the lack of pastures. Most early-set Burley tobacco had made its growth by the onset of the drought and as a result yields were satisfactory. The dry weather was instrumental in keeping down any damage to the crop. Growers had to wait for enough moisture to strip and grade their tobacco, possibly later than during any other season, but after a rain in November, full attention was devoted to marketing the crop.

## WEATHER BY MONTHS

January - Unusually mild, cloudy, with slightly below normal precipitation. No severe storms. Unfavorable for farm activities.

February - Unseasonably warm. Rainfall infrequent with the average precipitation much below the mean. Snowfall of no consequence. No storms of any severity. Generally favorable for farm activities.

March - Rainfall frequent and occasionally heavy with the average amount above the mean. Unseasonably warm weather prevailed. Snowfall was light. Winter storms were absent and damage from other storms was small.

April - Characterized by the persistence of unseasonably low temperatures. The average temperature for the month was one of the ten lowest. Precipitation was rather frequent but the total amount was slightly below the mean. Snowfall was somewhat above average. Considerable damage was caused by windstorms in a few counties.

May - Unusually warm with frequent and often heavy rainfall which was above normal in practically every section of the State. Thunderstorms accompanied by high winds and hail were numerous with the wind and hail damage exceeding half a million dollars. Flash floods over the Green River valley and along the Kentucky-Virginia state line resulted from heavy rainfall during the middle of the month.

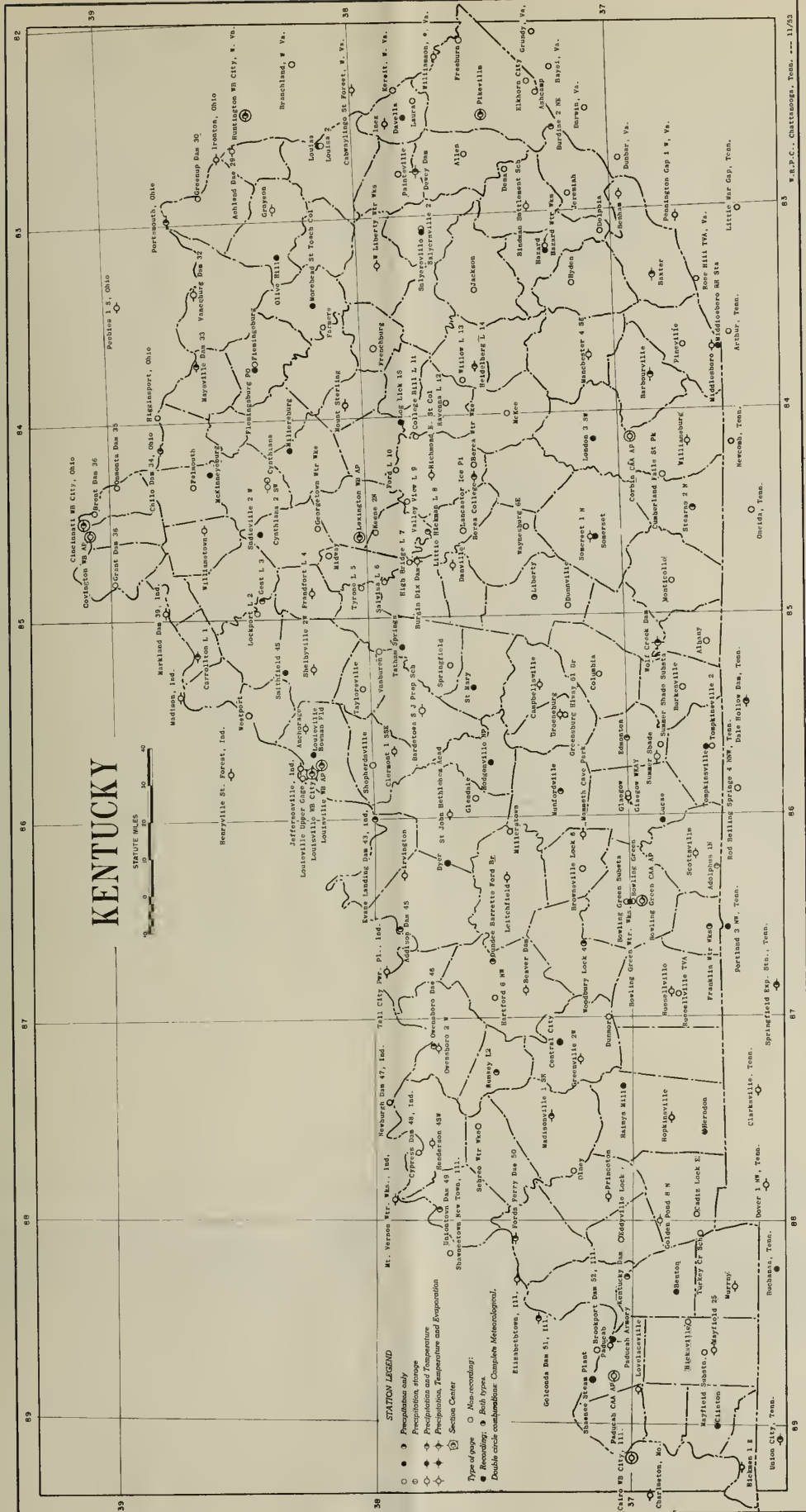
June - Temperatures of 90° or above occurred with unusual frequency. Eighth hottest month of that name on record. Rainfall was below average. Windstorms contributed to severe damage to property and crops. The makings of drought conditions appeared especially in the western half of the State.

July - Temperature above normal and precipitation below the mean but not too much deviation from the average. Weather conditions mostly seasonal. There were a few summer-type storms but the resulting damage was not excessive.

August - The small amount of rainfall was the most significant feature of the month's weather. The amount was the fourth smallest for August since 1889. Drought became well established in the western sections, seriously affecting pastures and supply of stock water. The temperature averaged slightly above normal.

September - Even though the temperature averaged slightly below normal, many locations had the highest maximum temperature ever recorded in September for their stations. Rainfall averaged less than one half of normal for the month and the amount was the sixth lowest since 1889. The droughty conditions continued through the month in the western half and by the end of the month had spread to northern and eastern parts of the State.

October - Very dry weather, with temperatures above normal, prevailed during the month. The maximum temperature of 98° equalled the all time high for the month. Rainfall averaged just slightly over one-third  
(Continued on Page 144)



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



Table 1

## AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

KENTUCKY  
1953

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ANCHORAGE	39.1	5.8	40.4	5.6	46.4	2.0	51.8	- 2.3	66.9	3.0	75.6	3.4	76.0	- .2	74.9M	- .1	69.5	- .9	59.7	3.0	44.7	- .1	35.1	.4	56.7	1.7
ASHLAND DAM 29	41.6	5.8	42.3	5.3	48.5	1.6	54.2	- 1.2	69.9	4.9	75.1	1.8	77.1	.4	75.2	- .4	69.2	- 1.1	59.8	1.7	46.3	- .5	38.0	.4	58.1	1.5
BARBOURVILLE	43.3		42.9		50.2		55.4		69.5M				75.3		72.5		67.4		59.3				38.2			
BARSTOWN S J PREP SCH	41.9		42.6		48.9		54.0		68.9		77.7		77.2		71.6		61.3		46.6		35.1		36.9		58.6	
BAXTER	41.0		39.5		48.1		52.5		67.9		74.6		74.8		73.9		66.6		57.6		41.9		35.1		56.1	
BEAVER DAM	42.3	6.0	42.7	4.8	50.2	2.8	55.2	- 1.8	69.6	3.4	79.2	4.7	78.8	.7	77.2	.6	70.9	- .5	60.1	.9	45.3	- 2.2	35.2M	- 2.9	58.9	1.4
BENHAM	41.6		40.6		47.6		51.1		68.7		74.8		74.5		74.3		66.9		57.9		43.6		35.8		56.5	
BEREA COLLEGE	42.9	6.2	41.7	3.8	48.9M	1.8	53.1M	- 2.9	69.3	4.1	76.1	3.0	76.2	- .2	76.3	1.3	70.4	- .6	61.6	3.0	47.1	- 1.3	38.0	.2	58.5	1.9
BOWLING GREEN CAA AP	42.6	6.2	41.3	2.7	49.3	3.1	53.2	- 2.6	69.3	4.9	78.8	5.0	78.6	- 1.3	77.1	1.0	70.5	- .2	60.9	1.8	45.7	- .7	36.3	- 1.6	58.6	1.7
BURGIN DIX DAM	42.6	5.8	42.9	3.1	49.2	2.1	54.7	- 2.1	69.6	3.9	76.8	2.1	77.5	- .6	76.1	- 1.2	71.5	.1	62.1	2.7						
CAMPBELLVILLE	42.1		41.4		48.6		52.9		68.2		75.6		76.0		74.3		68.5		58.8		45.8		37.3		57.4	
CARROLLTON LOCK 1	41.6		41.4		47.7		52.1		67.7		76.7		76.7		75.2		69.4		59.7		45.7		37.2			
CLERMONT 1 SSE	41.6		42.1		48.8		53.9		68.9		77.1		76.4		75.0		70.5		59.1		44.9		36.0		57.9	
CORBIN CAA AIRPORT	42.6		40.4		48.2		52.0		68.4		73.6		73.7		72.8		66.5		57.6		43.0		35.1		56.2	
COVINGTON W B AIRPORT	36.4	4.6	37.9	4.0	44.6	2.9	49.2	- 2.9	66.1	3.6	75.9	4.1	76.0	.9	75.9	2.4	68.6	1.3	59.2	3.2	45.1	1.7	34.1	.5	55.8	2.2
CYNTHIANA 2 SW	39.7		40.4M		46.9		51.5M										70.4		60.9M							
DANVILLE	39.7	4.5	39.5	3.3	46.6	.4	52.1	- 2.8	68.1	3.7	76.0	3.5	76.5	.8	76.0	1.3	70.3	.8	62.0	4.2	47.2	1.6	35.4	- 1.0	57.5	1.7
DEWEY DAM																										
DIX DAM																										
FARMERS	41.2	6.1	40.8	4.0	48.2M	2.8	53.2M	- 1.2	68.9M	5.2	74.6	2.8	76.4	1.1	73.6	- .4	67.6	- .7	59.2	2.6	44.2M	- .8	36.6	.1	57.0	1.8
FORDS FERRY DAM 5D	41.3		43.3		50.8		55.6		69.2		80.7		80.2		78.8		73.5		61.7		48.3		38.5		60.2	
FRANKFORT LOCK 4	39.5	4.4	39.3	2.5	45.7	- .2	51.0	- 4.6	66.5	1.4	76.1	2.3	76.8	- .4	76.0	- .6	69.3	- .2	60.0M	2.4	45.1	- 1.2	34.6	- 2.4	56.7	.4
GLASGOW WKAY																										
GOLDEN POND 8 N																										
GRAYSON	39.6		39.6		47.0		52.6M				74.7M		76.1		74.2		66.3		57.5		43.3M		36.2M			
GREENSBURG	40.9	5.3	39.7	2.6	46.8	.2	52.3	- 3.1	68.3M	3.3	77.0	3.6	77.3	.4	75.4	- .3	67.8	- 2.0	59.4M	2.0	45.0	- .8	34.9	- 2.3	57.1	.8
GREENVILLE 2 W	42.4	6.3	42.8	3.5	49.9	2.2	54.5	- 2.5	67.6M	2.5	78.8	4.5	78.3	.5	76.9	- .2	69.6	- .2	59.6	2.0	44.6	- .9	37.2	- 1.2	58.8	1.3
HEIDELBERG LOCK 14	42.7	7.0	41.9	4.2	49.6	3.8	54.9	- 4.4	69.8	5.3	75.8	3.1	76.2	.0	75.3	.2	69.0	- .2	59.6	2.0	44.6	- .9	36.6	- .4	58.0	1.9
HEMERSDAM 4 SW	40.0	3.7	42.5	6.1	50.0	2.5	54.4	- 3.1	68.5	1.2	79.4	2.7	79.2	- .3	77.2	- 1.2	71.4	- .5	61.1	.7	48.1	.6	37.7	.4	59.1	1.0
HICKMAN 1 E	40.8		42.9		51.1		54.0		68.2		81.6		80.1		77.7		70.8		60.3		45.8		36.8		59.2	
HINDMAN SETTLEMENT SCH	40.8		39.6		48.3		52.9		68.5		74.7		75.0		73.8		66.0		56.4		40.4M		33.5		55.9	
HOPKINSVILLE	41.5M	4.0	42.4	3.1	49.9M	.8	54.9M	- 2.4	68.0	1.8	80.4	5.0	79.9	.8	78.6	- .5	72.5	- .2	63.0	2.5	47.0	- 1.3	36.9	- 1.9	59.7	1.1
INEZ	40.0M																									
IRVINGTON	41.4	5.9	42.3	5.4	49.0	2.1	54.0	- 2.1	68.6	2.8	78.4	4.3	77.8	.1	77.0	.8	72.1	1.6	61.9	3.1	47.4	- .8	37.4	.4	59.0	2.2
LEITCHFIELD	41.9	6.3	42.7	5.9	49.6	3.0	54.6	- 1.3	68.5	3.1	77.8	4.3	78.0	.7	77.8	1.8	71.9	1.6	61.9	3.4	46.6	- .1	37.2	.0	59.1	2.5
LEXINGTON WB AIRPORT	39.7	7.2	39.4	4.9	46.7	4.3	51.1	- 1.8	67.9	5.3	77.1	4.9	77.3	1.6	76.3	1.9	69.9	1.0	61.8	4.5	46.3	2.5	35.0	.1	57.4	3.0
LOUISVILLE WB AP	40.0	5.1	41.0	3.8	47.7	2.1	53.1	- 2.9	69.0	3.7	78.7	4.5	78.8	.9	77.3	1.2	70.4	- .2	60.4	1.8	46.4	.7	36.4	- .5	58.3	1.8
LOUISVILLE WB CITY	40.4	4.8	42.1	4.3	48.9	2.8	54.4	- 2.1	69.5	3.6	78.9	4.0	79.4	.6	78.1	1.2	72.8	1.7	63.5	3.7	49.1	2.4	38.6	1.0	59.6	2.3
LOVELACEVILLE	41.9	5.0	43.1	3.1	52.2	3.2	55.5	- 2.9	69.0	1.8	81.1	5.3	79.9	.9	77.7	- .9	71.9	- .2	61.4M	.7	46.0	- 1.8	38.0	- .9	59.8	1.1
MAISONVILLE 1 SE	42.7		43.5		51.1		55.7		69.6		79.5		78.8		77.3		71.0		60.9		46.9		38.3		59.6	
HAMMOTH CAVE PARK	43.2	10.1	42.9	5.9	50.4	3.3	54.8	- .8	69.2	4.6	76.8	3.8	77.1	.9	75.7	- .4	70.7	1.7	61.2	4.0	46.0	1.9	37.9	2.7	58.8	3.1
MANCHESTER 4 SE	43.1		42.3		50.0		54.5M		69.3		74.4		75.0		73.6		67.8		58.5		44.6		37.3		57.5	
MAYFIELD 2 S	42.2	5.5	43.6	3.5	51.9	2.5	54.9	- 3.4	68.4	1.3	81.2M	5.7	80.0	.9	78.8	- .8	73.9	1.8	63.4	2.3	48.6	- 1.3	38.7	- 1.1	60.5	1.7
MAYSVILLE DAM 33	38.7	5.3	38.0	3.4	44.2	- .6	49.6	- 4.5	65.5	1.1	73.1	.2	74.5	- 2.4	72.9	- 2.5	65.4	- 4.1	57.9	.9	44.0	- 1.2	34.5	- .8	54.9	.4
MIDDLESBORO	43.0	4.9	43.1	3.3	51.1	2.7	56.3	- .6	70.0	5.7	75.7	3.2	75.8	.3	75.0	- .5	68.6	- 1.3	59.3	1.9	44.5	- 1.7	38.6	- .6	58.4	1.5
MOUNT STERLING	40.8	7.4	41.2M	6.6	48.2	3.6	53.4	- .9	69.2	4.9	75.9	3.0	76.8	.4	76.1	1.3	69.9	1.1	61.0	4.5	46.3	1.9	36.3	.9	57.9	2.9
MURRAY	43.8	6.0	44.4	3.5	52.9	4.2	56.1	- 2.1	69.4	2.1	81.1	5.8	80.4	1.1	78.5	.3	72.2	.3	61.7	1.2	47.9	.2	39.4	- .3	60.7	1.9
DWENSBORO 2 W	40.4	5.5	42.4	6.0	49.8	2.9	54.3	- 1.6	68.8	3.2	80.6	6.4	80.6	2.7	78.4	2.3	71.9	1.6	61.5	2.7	47.0	.3	37.5	.6	59.4	2.7
PAUCAC CAA AIRPORT	40.1		41.7		50.0		53.9		68.1		81.0		80.4		78.4		71.6		60.8		46.6		37.8		59.2	
PAUCAC	39.9	3.2	41.8	2.3	49.5	.5	53.4	- 5.3	67.7	- .3	80.7	3.6	80.1	- .3	78.7	- .8	72.2	- .9	61.2	.5	47.2	- 1.3	37.2	- 1.6	59.1	- .1
PIKEVILLE	44.0	7.1	44.1	5.6	52.0	3.0	57.1	.4	71.6	4.5	76.8	1.8	78.2	.8	77.1	.1	70.5	- .1	61.8	1.9	45.7	- 1.4	40.1	2.3	59.9	2.1
PRINCETON	41.3	4.8	41.6	2.8	49.7	1.7	54.2	- 3.6	67.8M	1.0	79.9	4.3	79.1	.5	77.7	- .1	71.7M	- .2	61.0	1.6	45.9	- 1.2	36.7M	- 2.0	58.9	

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

KENTUCKY  
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Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADDISON DAM 45	3.75	-.61	1.80	-1.42	5.05	.08	4.16	.14	4.79	.77	1.20	-2.71	2.82	-.58	1.47	-1.70	.25	-2.86	.59	-2.00	1.52	-1.51	2.75	-.46	30.15	-12.86
ADOLPHUS 1 N	6.37	2.70			5.34		3.82		4.65		4.91		4.54		.26		.54		.54		1.27		3.17		39.98	
ALBANY	4.12	3.97			4.12		4.12		4.12		4.12		4.12		.08		.08		.08		1.72		3.33		41.89	
ALLEN	4.33	2.30			4.25		2.89		4.57		3.73		3.11		2.09		2.19		.38		1.22		2.95		34.00	
ANCHORAGE	4.23	.30	.95	-1.87	5.25	.82	4.35	.48	4.73	.99	2.65	-1.19	4.42	.24	1.00	-2.64	.67	-2.16	.90	-1.80	1.74	-1.31	2.41	-1.22	33.30	- 9.36
ASHCAMP	3.79	3.44			3.57		3.43		6.61		5.05		2.87		1.64	2.48	.71		.98		1.63		2.57		37.14	
ASHLAND DAM 29	5.03	1.04	1.53	-1.77	4.51	.19	3.30	-.29	3.83	-.17	4.25	.04	1.90	-2.28	3.89	.22	1.73	-.83	.39	-2.09	1.24	-1.75	1.90	-1.27	33.50	- 8.96
BARBOURVILLE	5.83	3.91			4.02		3.48		5.20		4.69		2.80		2.89		1.73		.43		.75		3.49		E39.22	
BARDSTOWN S J PREP SCH	4.36	1.76			6.57		4.06		7.21		2.55		4.48		.65		1.16		2.37		3.65		3.925		39.25	
BAXTER	5.52	4.13			3.75		3.19		8.74		4.28		3.20		1.28		.88		.37		1.79		3.62		40.75	
BEAVER DAM	4.84	.66	1.65	-1.79	6.02	1.51	3.60	-.54	6.31	2.20	1.81	-1.90	3.74	.08	.36	-2.74	.52	-2.25	.97	-1.79	1.63	-1.61	2.91	-.74	34.36	- 8.91
BERNARD	5.11	4.81			4.47		3.18		8.66		3.98		5.56		1.16	2.09	.95		.78		1.78		3.39		45.14	
BEREA COLLEGE	5.16	.46	2.41	-.84	4.11	-.83	3.57	-.22	4.41	.42	7.35	2.72	5.67	-2.06	1.40	-2.77	1.39	-1.53	.73	-2.03	1.00	-2.21	3.35	-1.77	36.55	-10.66
BEREA WATER WORKS	6.19	2.43			4.12		4.46		6.18		7.99		3.74		2.10		1.89		.66		1.42		3.44		42.36	
BOWLING GREEN	4.07	2.59			6.28		4.87		4.73		2.84		4.08		1.04		.60		1.12		1.64		2.71		38.02	
BOWLING GREEN SURSTA	4.57	2.89			7.15		4.73		5.95		3.09		3.06		1.15		.26		1.16		1.90		3.16		39.07	
BOWLING GREEN CAA AP	4.12	-1.14	2.43	-1.56	7.54	1.88	3.76	-.56	6.22	2.32	4.73	.70	5.87	1.69	3.00	-1.04	.56	-2.81	1.21	-1.67	1.68	-2.37	2.62	-1.80	43.74	- 6.36
BRENT DAM 36	4.48	1.77	1.26	-1.44	2.61	-1.58	2.65	-1.03	3.58	.15	2.14	-2.09	5.93	2.31	.99	-2.51	.49	-2.73	1.03	-1.31	1.54	-1.46	1.75	-.81	28.93	-10.73
BROWNVILLE LOCK 6	4.94	-.56	2.77	-1.02	6.94	1.41	5.08	.57	5.95	1.99	2.70	-1.50	2.09	-1.82	.57	-3.67	.91	-2.31	1.26	-1.83	2.40	-1.50	3.38	-.78	30.99	-11.02
BURDINE 2 NE	4.35	3.03			3.68		3.85		7.24		5.49		5.49		2.45		2.11		.70		1.60		2.69		30.99	-11.02
BURGIN DIX OAM	4.84	.83	1.31	-1.89	5.36	.89	4.86	1.28	7.15	3.41	3.72	-.73	4.48	.32	.95	-2.91	1.94	-1.18	1.08	-1.51	1.63		3.95		40.69	
BURKESVILLE	7.07	3.08			4.52		4.93		4.97		3.80		3.31		1.38		2.87		.47		1.14		3.15		40.69	
BURNSIDE	6.22	1.51	3.67	-.57	5.04	-.24	4.33	.12	4.50	.21	6.09	1.89	2.06		1.17		.75		1.35		1.48		3.39		41.52	
CAIDZ LOCK E	4.36	3.05			9.15		5.26		7.02		1.58		3.32		2.06		1.17		.75		1.35		3.39		41.52	
CAMPBELLVILLE	4.57	1.72			4.67		4.20		7.53		3.32		3.23		1.94		1.34		.86		.37		2.55		36.35	
CARROLLTON LOCK 1	4.55	.93	.78	-1.88	2.95	-.94	2.62	-.91	3.11	-.77	1.04	-2.89	2.76	-.72	.99	-2.51	1.27	-1.74	.81	-1.73	1.17	-1.76	2.05	-.79	24.10	-15.71
CLEMOND 1 SSE	4.99	1.34			7.54		4.33		5.69		4.23		3.37		1.68		.65		.94		1.73		2.46		38.95	
COLLEGE HILL LOCK 11	4.83	.35	2.10	-.77	4.39	.05	3.92	.41	5.40	1.69	7.26	3.10	2.10	-2.37	.78	-3.36	1.19	-1.76	.69	-2.20	1.27	-1.74	2.25	-1.45	36.11	- 7.96
COLUMBIA	5.68	1.58			5.09		3.74		6.72		4.93		4.78		1.66		.84		.52		.66		3.47		39.67	
CORBIN CAA AIRPORT	6.16	3.41			4.83		3.45		5.43		5.09		3.27		1.68		1.42		.30		.87		3.03		38.94	
COVINGTON W 8 AIRPORT	4.55	1.15	1.05	-1.50	2.73	-1.31	2.66	-.93	2.59	-.86	3.14	-.90	7.79	4.04	.31	-3.03	.75	-2.22	1.24	-.93	1.22	-1.81	1.58	-1.25	29.61	- 9.55
CUMBERLAND FALLS ST PK	6.39	3.97			4.73		4.29		6.21		5.40		4.04		.61		.94		.35		.75		3.75		43.25	
CYNTHIANA	3.71	-1.22	.91	-1.89	5.06	.56	3.31	-.65	4.28	1.17	4.14	.71	2.98	-.55	.67	.49	.79	-2.12	1.03	-1.39	1.33	-1.72	2.44	-.83	34.05	- 6.44
CYNTHIANA 2 SW	3.61	.83	5.01		3.06		3.06		6.72		4.93		4.72		1.01		1.01		1.15		1.29		2.44		40.21	- 5.95
DANVILLE	5.27	.76	1.61	-2.05	5.89	1.12	5.00	.96	6.11	2.44	4.07	-.11	4.37	-.04	1.14	-2.45	2.22	-.86	.85	-1.51	.80	-2.52	2.38	-1.69	40.21	- 5.95
DELPHIA 1 E	4.44	3.19			3.35		3.10		7.59		3.75		E 3.75		E 3.20		E 1.84		1.65		.52		1.39		2.97	E36.99
DEMA	4.68	3.09			4.16		2.92		3.72		4.09		5.43		2.33		1.42		.66		1.58		2.25		36.13	
DEWEY DAM	5.64	2.09			4.37		2.79		4.64		4.96		1.71		2.4		2.55		.20		1.39		1.95		34.69	
DIX OAM	4.89	1.72			6.84		3.47		5.27		2.51		3.40		.52		.23		1.10		1.44		3.18		35.07	
DUNDEE BARRETT'S FORO B	5.59	1.63			8.09		4.63		6.84		1.11		4.72		.60		.45		.93		1.75		3.11		39.45	
DUNNVILLE	4.49	1.99			4.02		4.71		3.25		4.23		4.23		4.32		1.35		.67		.75		2.34		E38.10	
EDDYVILLE LOCK F	4.17	2.03			7.47		4.50		5.69		1.95		2.59		.27		.31		1.42		1.35		3.68		35.51	
EDMONTON	4.85	.25	2.35	-1.82	5.01	-.51	4.54	.17	5.19	.75	1.30	-2.94	3.11	-1.60	1.71	-2.06	.80	-2.38	.67	-2.04	.58	-2.86	2.75	-1.99	32.88	-17.03
ELKHORN CITY	3.66	3.62			3.85		2.86		5.61		4.33		2.01		2.18		2.22		.47		E 1.02		2.25		E34.08	
FALMOUTH	4.18	.36	1.05	-2.00	4.17	-.16	3.64	-.07	3.09	-.57	2.80	-1.31	4.68	.77	2.24	-1.42	.74	-1.74	1.04	-1.32	1.80	-1.32	2.47	-.80	31.90	- 9.60
FARMERS	4.10	-.21	2.01	-1.08	4.93	.36	3.99	.07	5.89	1.78	2.63	-1.76	2.38	-2.36	3.49	-.97	1.32	-1.48	.70	-2.21	1.16	-1.84	2.07	-1.67	34.67	-11.37
FLEMINGSBURG	3.94	-.19	1.36	-1.73	6.34	1.52	2.70	-1.40	4.44	.28	5.59	1.06	3.71	-1.05	1.73	-1.65	.82	-2.20	.90	-1.91	1.16	-2.17	1.71	-1.54	30.40	-11.04
FORD LOCK 1D	3.02	-1.29	1.61	-1.41	4.78	.62	4.20	.48	4.70	1.17	4.94	.86	2.00	-3.05	2.50	-1.60	1.13									



Table 2--Continued

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

KENTUCKY  
1953

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
OWENSBORO 2 W	4.43	.10	1.24	-1.61	5.66	.84	4.91	.93	4.35	.47	.46	-3.48	1.86	-1.44	.36	-2.96	.55	-2.63	.71	-2.43	1.26	-2.01	2.87	-.53	E28.66	-14.75
OWENSBORO DAM 46	4.08	-.08	1.24	-1.83	5.31	.60	5.03	1.27	4.45	.74	.58	-3.60	1.69	-1.16	.40	-3.00	.54	-2.65	.61	-1.88	1.41	-1.52	3.06	.34	28.40	-12.77
PADUCAH CAA AIRPORT	4.45		2.71		6.59		3.46		3.14		1.98		3.53		1.87		.90		2.28		1.57		2.72		35.40	
PAUCAH	4.35	-.02	2.36	-1.26	6.29	1.36	3.86	-.68	4.76	.86	4.70	.64	1.61	-1.82	1.30	-2.16	.53	-2.51	2.25	-.65	1.56	-2.28	2.38	-1.01	36.15	-9.53
PAINTSVILLE	5.86	2.13	2.60	-.69	4.74	-.23	2.51	-1.08	5.02	1.42	5.16	1.14	1.57	-3.32	3.60	-.66	2.32	-.91	.13	-1.85	1.23	-1.51	2.67	-.36	37.41	-5.92
PIKEVILLE	3.46	-.17	2.55	-.84	3.68	-.64	2.41	-1.19	3.89	.11	4.61	.27	5.04	.49	2.42	-1.77	2.75	-.13	.29	-2.40	.99	-1.79	2.27	-1.20	34.41	-9.26
PINEVILLE	5.14		2.10		2.41		3.30		5.90		4.75		2.67		1.47		1.71		.43		1.53		3.62		37.03	
PRINCETON	3.26	-1.27	1.99	-1.36	6.82	1.86	4.73	.50	5.82	1.68	1.66	-2.36	3.39	-.08	.54	-2.97	.55	-2.51	1.13	-1.66	1.57	-2.10	3.10	-.74	34.56	-11.01
RAVENNA LOCK 12	4.68	.75	1.96	-1.23	4.17	-.17	3.56	-.10	4.67	.77	7.66	3.26	3.78	-1.17	.50	-4.27	1.64	-1.72	.40	-2.23	1.04	-2.14	1.63	-1.81	35.74	-10.06
RICHMOND E STATE COL	4.97	.66	2.26	-1.08	4.89	.30	5.10	1.47	5.00	1.31	4.08	-.16	3.65	-.68	.82	-3.04	1.32	-1.54	.85	-1.85	1.12	-1.96	2.90	-.91	36.96	-7.48
RUMSEY LOCK 2	4.02	-.27	1.32	-1.78	6.29	1.17	4.02	-.15	5.44	.97	2.62	-1.25	2.95	-.05	.75	-2.96	.68	-2.49	.94	-1.96	1.23	-2.21	3.25	-.11	33.51	-11.09
RUSSELLVILLE SUBSTA	4.74	-.12	2.79	-.67	7.18	2.23	4.82	.46	7.46	3.51	1.36	-2.09	5.63	1.35	.38	-2.76	1.41	-1.66	1.01	-1.61	2.49	-.76	4.40	.73	43.67	-1.39
ST JOHN REPLENISH ACAD	5.03		2.83		7.80		4.48		6.99		1.48		5.40		.39		1.11		.98		2.35		4.13		42.97	
SALVISA LOCK 6	5.01	-.85	1.60	-1.98	7.04	2.15	4.10	-.12	6.56	2.47	2.08	-2.12	3.46	.03	1.62	-2.06	.63	-2.35	.70	-2.22	1.55	-1.84	2.67	-1.43	E35.90	-10.32
SALVISA LOCK 6	5.01	.10	1.22	-2.00	7.19	2.91	4.17	.25	6.52	2.84	2.86	-1.68	2.97	-1.05	3.85	-.01	2.10	-1.11	1.02	-1.66	2.04	-1.04	2.99	-1.18	41.64	-3.67
SALYERSVILLE 2							2.36		4.94		3.55		3.61		2.05				.25		1.24		2.15			
SCOTTSVILLE	5.56		2.69		4.77		4.45		5.42		3.11		4.05		1.01		1.61		.82		1.50		3.18		38.17	
SEBREE WATER WORKS	4.11		1.60		6.18		4.99		6.09		1.45		4.28		.82		.43		.87		1.45		2.79		35.96	
SHAWNEE STEAM PLANT	4.30		2.93		6.33		4.14		3.20		2.36		2.23		1.34		.35		2.01		1.27		2.87		32.33	
SHELBYVILLE 2 W	4.75	.37	.94	-2.68	5.36	.53	4.67	.71	4.49	.50	4.68	.40	3.75	-.19	1.84	-1.68	.59	-2.09	1.08	-1.64	1.78	-1.58	2.60	-1.25	36.57	-8.60
SHEPHERDSVILLE	3.76		.96		5.83		5.02		4.28		3.02		4.73		1.44		.20		.95		1.66		2.64		34.40	
SOMERSET 1 N	5.51		3.04		5.12		3.73		3.75		5.37		3.98		2.07		1.55		.45		1.59		2.39		E38.50	
SPRINGFIELD	4.59	1.21	1.52	-1.67	5.61	1.16	3.51	-.32	7.16	3.09	3.66	-.59	1.83	-1.96	.88	-.49	.81	-1.74	.85	-.98	2.10	-1.32	2.54	-.66	35.98	-4.07
STEARNS 2 N	5.76		4.02		4.40		5.27		6.72		6.42		2.00		1.28		1.18		.58		.99		2.82		41.32	
SUMMER SHADE	4.72		2.49		4.90		4.43		5.40		2.53		5.59		1.17		1.30		.49		.67		3.05		36.86	
SUMMER SHADE SUBSTA	5.72		2.87		5.29		4.02		5.62		2.62		4.89		1.02		1.06		.52		.55		3.05		37.23	
TAYLORSVILLE	3.86		1.29		5.63		5.42		5.04		1.77		5.62		1.59		.62		1.01		2.22		2.38		36.50	
TOMPKINSVILLE 2	5.80		3.12		4.54		4.02		5.34		2.05		5.25		1.18		1.09		1.00		.80		2.54		36.73	
TURKEY CREEK SCHOOL	4.13		3.30		8.63		5.20		7.58		1.42		5.31		1.46		.61		1.43		1.73		4.05		44.87	
TYRONE LOCK 5	3.99	-.45	1.18	-2.01	6.49	2.25	3.81	-.45	4.86	1.30	3.08	-1.22	4.28	.16	1.91	-1.92	1.18	-1.77	1.08	-1.65	1.90	-1.12	3.09	-.57	36.85	-7.45
UNIONTOWN DAM 49	3.13	-.81	1.17	-1.66	4.82	.25	4.34	-.30	3.99	-.01	.96	-2.82	4.31	.90	.90	-2.34	1.24	-2.48	1.54	-.92	1.44	-1.55	2.20	-.56	30.04	-12.30
VALLEY VIEW LOCK 9	3.55	-1.00	1.50	-1.77	5.06	.74	4.44	1.12	4.25	.41	3.47	-1.10	2.70	-.96	1.92	-2.10	1.72	-1.78	.85	-1.92	.91	-2.50	1.65	-2.03	32.02	-13.89
VANBUREN	4.37		1.22		7.10		4.75		4.17		3.55		3.10		1.08		.57		.94		1.42		3.09		36.36	
VANCEBURG DAM 32	4.04	.15	1.38	-2.00	4.84	.21	2.86	-1.00	4.55	.88	2.80	-1.09	5.15	.78	4.89	.87	1.34	-1.25	.79	-1.85	1.43	-1.86	2.07	-1.23	36.14	-7.39
WAYNESBURG 6 E	5.43		2.82		4.57		4.31		5.03		7.73		4.30		2.25		1.34		.54		1.06		2.40		41.78	
WEST LIBERTY WATER WKS	4.96		2.00		3.99		3.78		6.65		4.54		2.78		2.00		1.43		.25		1.61		2.83		36.82	
WESTPORT	5.12		1.27		4.13		3.36		4.44		1.95		4.75		1.23		.77		.78		1.71		2.24		31.75	
WILLIAMSBURG	5.88	1.58	4.26	.38	3.46	-1.37	3.05	-1.05	5.95	1.72	6.95	2.54	5.95	.89	1.22	-3.50	1.70	-1.34	.28	-2.39	1.46	-1.77	3.24	-.57	E43.38	-4.88
WILLIAMSTOWN	4.40	.52	.99	-1.91	4.14	-.32	3.34	-.51	4.31	.59	3.31	-.60	5.5	1.80	1.61	-2.10	.87	-2.09	.98	-1.79	1.80	-1.06	1.88	-1.49	33.21	-8.96
WILLOW LOCK 13	6.04	1.75	2.64	-.63	4.56	-.23	3.96	.74	4.85	1.24	6.74	2.35	2.7	-1.72	2.07	-1.92	1.97	-1.01	.46	-1.96	1.21	-2.17	1.87	-1.94	39.15	-5.50
WOLF CREEK DAM	7.02		2.85		4.79		4.66		5.01		3.95		3.80		1.06		3.02		.49		1.02		3.04		40.21	
WOODBURY LOCK 4	4.12	-.87	1.65	-1.84	7.11	2.04	3.27	-1.16	7.72	4.06	3.27	-.90	2.3	-.74	.63	-3.27	1.22	-1.75	1.06	-2.00	2.02	-1.47	3.90	-.80	37.92	-8.70
SECTION AVERAGE	4.65	.07	2.09	-1.40	5.49	.69	3.90	-.05	5.42	1.42	3.42	-.77	3.74	-.40	1.54	-2.13	1.17	-1.72	.91	-1.68	1.48	-2.00	2.72	-1.10	36.53	-9.07

## † CHANGES IN STATION NAMES

## NEW NAME

## OLD NAME

## DATE

BOWLING GREEN CAA AP  
CYNTHIANA 2 SWBOWLING GREEN WB AP  
CYNTHIANA 2

June 1953

HOPKINSVILLE  
LANCASTERCYNTHIANA 1 NNE  
HOPKINSVILLE 2 E  
LANCASTER ICE PLANTMay 1953  
August 1953  
April 1953  
October 1953MC KEE  
OWENSBORO 2 W  
PADUCAH ARMORY  
SADIEVILLE 2 WMC KEE 1 SE  
OWENSBORO  
PADUCAH SCS NURSERY  
SADIEVILLE 2 SSWJuly 1953  
March 1953  
January 1953  
August 1953

## RELOCATIONS

ALBANY  
ALLEN  
CLINTON  
CYNTHIANA 1 NNE  
CYNTHIANA 2 SWAll equipment moved 1 mile NE  
Rain gage moved 100 feet SW  
All equipment moved 150 feet NE  
All equipment moved 0.6 mile NE  
All equipment moved 2.5 miles SWAugust 16, 1953  
April 29, 1953  
February 19, 1953  
May 20, 1953  
August 20, 1953ELKHORN CITY  
FRENCHBURG  
GREENSBURG HIWAY 61 BR  
HERNDON  
HOPKINSVILLERain gage moved 75 feet NE  
All equipment moved 125 yards SE  
Rain gage moved 0.7 mile N  
Recording gage moved 180 feet W  
All equipment moved 2.5 miles SWDecember 2, 1953  
February 5, 1953  
October 1, 1953  
May 5, 1953  
April 8, 1953LOUISA 2  
MC KEE  
PADUCAH ARMORY  
RICHMOND E STATE COLLEGE  
SADIEVILLE 2 WAll equipment moved 0.2 mile W  
All equipment moved 1.2 miles NW  
All equipment moved 1.2 miles NW  
All equipment moved 0.1 mile N  
Recording gage moved 1.2 miles NDecember 9, 1953  
July 24, 1953  
January 1, 1953  
June 30, 1953  
August 19, 1953SALYERSVILLE  
SALYERSVILLE 2  
SALYERSVILLE 2  
WEST LIBERTY WATER WORKS  
WILLIAMSBURGAll equipment moved 0.3 mile W  
All equipment moved 0.2 mile W  
Rain gage moved 1/4 mile NE  
All equipment moved 75 feet SW  
All equipment moved 1.1 miles EMarch 24, 1953  
March 13, 1953  
September 10, 1953  
March 24, 1953  
June 24, 1953

WILLIAMSTOWN

All equipment moved 0.6 mile SW

May 19, 1953



# TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY  
1953

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ANCORAGE	103	9- 1+	- 2	12-17	3-10 (24°)	4-19 (25°)	4-21 (30°)	10-27 (27°)	10-27 (27°)	11- 6 (24°)	241	191	189
ASHLAND DAM 29	101	9- 3+	- 7	12-18	3-10 (23°)	3-10 (23°)	4-20 (32°)	10-30 (32°)	11- 7 (19°)	11- 7 (19°)	246	242	193
BARBOURVILLE	102	9- 2	- 3	12-18	3-27 (24°)	4-17 (25°)	4-28 (31°)	10- 8 (28°)	10- 8 (28°)	10-31 (23°)	218	174	163
BARDSTOWN S J PREP SCH	103	9- 1	- 3	12-18	3-27 (24°)	4-19 (28°)	4-21 (32°)	10- 8 (30°)	10-30 (26°)	11- 7 (24°)	225	194	170
BAXTER	98	9- 2+	3	12-18+	2-24 (19°)	4-22 (27°)	4-23 (32°)	10- 9 (32°)	11- 7 (15°)	11- 7 (15°)	256	199	169
BEAVER DAM	105	9- 1	0	12-17	2-20 (20°)	3-27 (26°)	3-21 (32°)	10- 8 (29°)	10-30 (27°)	11- 7 (15°)	260	217	201
SENHAM	103	9- 3	- 2	12-18	4-17 (22°)	4-22 (28°)	4-28 (32°)	10- 7 (28°)	10- 7 (28°)	11- 7 (16°)	204	168	162
SEREA COLLEGE	104	9- 1	0	12-18	2-22 (21°)	4-19 (28°)	4-20 (30°)	10- 8 (32°)	11- 6 (21°)	11- 6 (21°)	257	201	171
SOWLING GREEN CAA AP	102	9- 1	5	12-18	2-23 (22°)	4-19 (28°)	4-21 (30°)	10-30 (32°)	11- 6 (25°)	11- 7 (20°)	257	201	192
SURGIN DIX DAM	104	9- 2	-	-	3-10 (24°)	3-10 (24°)	4-20 (30°)	10-30 (30°)	-	-	-	-	193
CAMPBELLVILLE	103	9- 1+	- 2	12-18	3-27 (22°)	4-20 (27°)	4-21 (30°)	10- 8 (30°)	10-30 (22°)	10-30 (22°)	217	193	170
CARROLLTON LOCK 1	103	9- 1	0	12-18	3-10 (24°)	4-14 (27°)	4-20 (31°)	10- 8 (32°)	10-30 (28°)	11- 7 (22°)	242	199	171
CLERMONT 1 SSE	103	9- 1+	- 6	12-18	3-27 (23°)	4-19 (26°)	4-21 (32°)	10- 8 (27°)	10- 8 (27°)	10-30 (24°)	217	172	170
CORBIN CAA AP	99	9- 2	- 7	12-18	3-10 (22°)	4-17 (26°)	4-21 (32°)	10- 8 (29°)	10-30 (25°)	10-31 (23°)	235	196	170
COVINGTON W8 AP	102	9- 1+	0	12-18	3- 8 (21°)	4-19 (26°)	4-20 (31°)	10-30 (28°)	10-30 (28°)	11- 7 (22°)	244	194	193
CYNTRIANA 2 SW	101	9- 2	0	12-17	4-14 (23°)	4-14 (23°)	4-20 (30°)	10-30 (28°)	10-30 (28°)	-	-	199	193
DANVILLE	104	9- 3	0	12-18	3- 9 (23°)	3-10 (27°)	4-20 (31°)	10-31 (32°)	11- 6 (24°)	11- 6 (24°)	242	241	194
DEWEY DAM	-	-	7	12-24+	-	-	-	10- 9 (32°)	10-31 (28°)	11- 7 (15°)	-	-	-
DIX DAM	-	-	2	12-17+	-	-	-	-	11- 6 (25°)	11- 7 (19°)	-	-	-
FARMERS	101	8-31+	- 5	12-18	3-10 (20°)	4-17 (27°)	4-22 (30°)	10- 7 (32°)	10- 8 (28°)	11- 6 (20°)	241	174	168
FORDS FERRY DAM 50	100	7-30+	7	12-18	2-22 (21°)	3- 9 (27°)	4-19 (30°)	10-30 (32°)	11- 7 (27°)	11-28 (19°)	279	243	194
FRANKFORT LOCK 4	106	9- 2	2	12-19	3-11 (23°)	3-15 (27°)	4-21 (32°)	10-30 (28°)	10-30 (28°)	11- 7 (19°)	241	229	192
GLASGOW WKAY	101	9- 1	3	12-18	-	4-19 (28°)	4-21 (28°)	10-30 (29°)	11- 6 (27°)	11- 7 (19°)	-	201	192
GOLDEN POND 8 N	105	9- 1+	0	12-18	-	4-19 (28°)	4-21 (32°)	10-25 (31°)	10-30 (26°)	11- 7 (24°)	-	194	187
GRAYSON	103	9- 1+	2	12-18	3-10 (19°)	4-17 (28°)	4-22 (30°)	10- 7 (32°)	10- 8 (27°)	11- 5 (24°)	240	174	168
GREENSBURG	101	9- 2	0	12-18	2-23 (20°)	3-29 (28°)	4-21 (32°)	10- 8 (30°)	10-30 (27°)	11- 7 (15°)	257	215	170
GREENVILLE 2 W	104	9- 1+	0	12-18	3-27 (24°)	4-19 (25°)	4-21 (30°)	10- 8 (31°)	11- 6 (25°)	11- 7 (21°)	251	201	170
REIDELBERG LOCK 14	101	9- 2+	- 3	12-18	3-30 (24°)	4-17 (26°)	4-22 (30°)	10- 8 (30°)	10-30 (28°)	11- 7 (14°)	222	196	169
RENDERSON 4 SW	103	9- 1+	6	12-18	2-22 (18°)	3- 9 (28°)	4-20 (32°)	10-30 (32°)	11- 6 (28°)	11- 7 (22°)	258	242	193
HICKMAN 1 E	104	9- 2	4	12-24	2-22 (20°)	2-23 (26°)	4-21 (32°)	10- 8 (30°)	10-30 (26°)	11- 6 (24°)	257	249	170
RINDMAN SETTLEMENT 5CR	99	6-22+	- 2	12-18	4-17 (24°)	4-22 (28°)	4-28 (32°)	9-23 (32°)	10- 8 (26°)	10-31 (23°)	197	169	148
HOPKINSVILLE	104	9- 3	6	12-18	2-23 (22°)	3- 7 (28°)	4-21 (30°)	10-30 (30°)	11- 6 (27°)	11- 7 (24°)	257	244	192
INEZ	102	9- 1+	3	12-18	-	-	4- 5 (29°)	10- 8 (30°)	10-31 (24°)	10-31 (24°)	-	-	186
IRVINGTON	104	9- 1	0	12-18	3- 9 (24°)	4-19 (28°)	4-20 (30°)	10-29 (32°)	11- 6 (26°)	11- 7 (19°)	243	201	192
LEITCHFIELD	105	9- 1	3	12-18	2-22 (19°)	4-19 (28°)	4-20 (31°)	11- 5 (26°)	11- 5 (26°)	11- 6 (21°)	257	200	199
LEXINGTON WB AP	101	9- 1	0	12-17+	3- 8 (23°)	4-19 (28°)	4-20 (30°)	11- 5 (29°)	11- 6 (23°)	11- 6 (23°)	243	201	199
LOUISVILLE W8 AP	103	9- 1+	7	12-18	2-22 (23°)	3-10 (28°)	4-19 (31°)	10-30 (31°)	11- 6 (26°)	11-10 (24°)	261	241	194
LOUISVILLE WB CITY	101	8-31+	9	12-17	2-22 (24°)	3- 8 (26°)	4-18 (32°)	11- 6 (28°)	11- 7 (28°)	12-16 (17°)	297	244	202
LOVELACEVILLE	102	8-31+	5	12-18+	2-23 (22°)	4-19 (28°)	4-20 (32°)	10-30 (28°)	11- 8 (17°)	11- 8 (17°)	258	194	193
MADISONVILLE 1 SE	102	9- 1	4	12-18	2-28 (24°)	3-10 (25°)	4-19 (31°)	10- 8 (31°)	11- 6 (27°)	11- 7 (21°)	252	241	172
MAMMOTH CAVE PARK	104	9- 1	- 2	12-18	3-27 (22°)	4-19 (27°)	4-21 (31°)	10- 8 (31°)	10-30 (28°)	11- 7 (16°)	225	194	170
MANCHESTER 4 SE	102	9- 2+	3	12-18	4-17 (24°)	4-21 (28°)	4-22 (29°)	10- 8 (27°)	10- 8 (27°)	10-31 (23°)	197	170	169
MAYFIELD 2 S	102	8-31+	9	12-18	2-22 (20°)	4-19 (28°)	4-20 (30°)	10-30 (31°)	11- 6 (26°)	11- 8 (23°)	259	201	193
MAYSVILLE DAM 33	98	9- 3	1	12-18+	3-11 (24°)	3-30 (28°)	4-21 (32°)	10-30 (30°)	11- 5 (28°)	11- 7 (19°)	241	220	192
MIDDLESBORO	100	9- 1+	2	12-18	4-17 (24°)	4-17 (24°)	4-28 (32°)	10- 8 (29°)	10-31 (23°)	10-31 (23°)	197	197	163
MOUNT STERLING	103	9- 1+	0	12-18	3- 9 (24°)	4-14 (27°)	4-20 (29°)	10-30 (30°)	11- 5 (28°)	11- 6 (21°)	242	205	193
MURRAY	104	9- 1	8	12-24	2-28 (24°)	4-19 (28°)	4-20 (32°)	10- 8 (32°)	11- 7 (27°)	11- 8 (18°)	253	202	171
OWENSBORO 2 W	104	9- 1	4	12-18	2-22 (20°)	3- 9 (25°)	4-20 (31°)	10- 8 (32°)	11- 6 (24°)	11- 6 (24°)	252	242	171
PADUCAH CAA AP	102	9- 1	10	12-18	2-22 (20°)	3- 9 (28°)	4-20 (32°)	10-30 (32°)	11- 6 (27°)	11- 8 (23°)	252	242	193
PADUCAH	103	9- 2	7	12-18+	2-23 (19°)	3- 9 (27°)	4-20 (31°)	10-30 (32°)	11- 8 (25°)	11- 9 (22°)	259	244	193
PIKEVILLE	102	9- 2	9	12-18	2-23 (21°)	3-10 (25°)	4-17 (31°)	11- 2 (32°)	11- 7 (21°)	11- 7 (21°)	257	242	199
PRINCETON	106	9- 1	3	12-18	4-19 (24°)	4-21 (26°)	4-21 (26°)	10- 8 (32°)	10-30 (26°)	11- 7 (20°)	202	192	170
RICHMOND E STATE COL	102	9- 2+	2	12-17+	3- 8 (24°)	3-30 (28°)	4-20 (30°)	10- 8 (32°)	10-31 (28°)	11- 6 (23°)	243	215	171
RUSSELLVILLE	104	9- 1	4	12-18	2-22 (21°)	4-19 (28°)	4-20 (31°)	10- 8 (31°)	10-30 (27°)	11- 7 (18°)	258	194	171
ST JOHN BETLEHEM ACAD	100	9- 3	- 3	12-18	3-11 (23°)	4-20 (26°)	4-21 (32°)	10-30 (27°)	10-30 (27°)	11- 7 (15°)	241	193	192
SCOTTSVILLE	100	9- 1+	2	12-18	3- 9 (23°)	4-19 (28°)	4-21 (31°)	10-30 (29°)	11- 6 (27°)	11- 7 (14°)	243	201	192
SHELBYVILLE 2 W	105	9- 1+	- 3	12-17+	3- 9 (24°)	4-19 (26°)	4-21 (30°)	10- 8 (31°)	11- 6 (25°)	11- 7 (19°)	243	201	170
SOMERSET 1 N	100	9- 2	- 6	12-18	3- 9 (24°)	3-16 (25°)	4-21 (32°)	10- 8 (30°)	10-30 (24°)	10-30 (24°)	235	228	170
SUMMER SHADE	101	9- 1+	2	12-18	3-27 (24°)	4-21 (26°)	4-21 (32°)	10-25 (31°)	10-30 (25°)	11- 6 (22°)	224	192	187
VANCEBURG DAM 32	101	9- 2	0	12-18	3-10 (24°)	3-10 (24°)	4-20 (32°)	10-30 (28°)	10-30 (28°)	11- 6 (22°)	241	234	193
WEST LIBERTY WATER WKS	103	8-31+	0	12-24	3-10 (20°)	4-20 (27°)	4-22 (32°)	9-23 (32°)	10- 7 (28°)	10-30 (20°)	234	170	154
WILLIAMSBURG	99	8-31+	- 2	12-18	4-22 (23°)	4-22 (23°)	4-22 (23°)	10- 8 (32°)	11- 6 (27°)	11- 7 (13°)	199	198	169
WILLIAMSTOWN	101	9- 1+	0	12-18	3- 8 (20°)	4-19 (26°)	4-21 (31°)	10-30 (30°)	11- 6 (23°)	11- 6 (23°)	243	201	192
WOLF CREEK DAM	102	9- 3	4	12-18+	2-23 (20°)	3-28 (26°)	4-22 (30°)	10-30 (28°)	10-30 (28°)	11- 7 (17°)	257	216	191

## TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
SURGIN DIX DAM	EVAP	-	-	-	83.54	84.38	6.30	6.00	5.79	B5.19	3.30	-	-
	DEP.	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	B1196	408	205	26	54	307	223	-	-
DEWEY DAM	EVAP	-	-	-	-	-	-	-	B4.45	2.62	-	-	-
	DEP.	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	8 282	294	446	-	-
DIX DAM	EVAP	-	-	-	-	-	-	-	-	-	B9.81	-	-
	DEP.	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	-	-	8 206	-	-
WOLF CREEK DAM	EVAP	81.61	2.13	3.48	4.30	5.57	8.62	7.34	7.55	6.29	4.42	2.02	8 .99
	DEP.	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	1571	1254	1578	1520	969	819	576	463	529	520	586	1055

See reference notes following Station Index.

## STATION INDEX

KENTUCKY  
1993

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables
							Temp.	Precip.	Evap.		
ADDISON DAM 4 S	0031	BRECKINRIDGE	7	37 55	86 34	380	14	26			2 C
ADDIOPHUS 1 N	0043	ALLEN	3	36 59	86 16	600	24				2 C
ALBANY	0063	CLINTON	3	36 42	85 07	950	3				2 C
ALLEN	0095	FLOYD	1	37 35	82 43	650	14				2 C
ANCHORAGE	0155	JEFFERSON	7	38 16	85 33	700	55	56			1 2 3
ASHCAMP	0246	PIKE	1	37 16	82 26	1100	14				2 C
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	534	40	41			1 2 3
BARDOLVILLE	0383	IND	3	36 52	83 53	1000	4	8			1 2 3 C
BARSTOWN 5 J PREP SCHOOL	0397	NELSON	8	37 48	85 29	637	4				1 2 3
BAXTER	0450	HARLAN	2	36 51	83 20	1164	2	13			1 2 3 C
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	46				1 2 3
BENHAM	0595	HARLAN	2	36 58	82 57	1880	8	8			1 2 3
BENTON	0611	MARSHALL	9	36 51	88 20	-					2 C
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	52	52			1 2 3 C
BEREA WATER WORKS	0624	MADISON	4	37 34	84 16	1100	7				1 2 3 C
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536	29				2
BOWLING GREEN SUBSTATION	0907	WARREN	3	37 01	86 26	470	11				1 2 3
BOWLING GREEN CAA AIRPORT	0908	WARREN	3	36 58	86 26	535	72	72			1 2 3
BOWLING GREEN WATER WORKS	0914	WARREN	3	37 00	86 26	535					2 C
BRENT DAM 36	0978	ESTILL	7	39 03	84 25	499	29				1 2 3 C
BROWNSVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410	37				1 2 3
BURDINE 2 NE	1120	PIKE	1	37 13	82 35	1638	-				2 C
BURGIN DIX DAM	1127	MERCER	4	37 48	84 43	770	-				1 2 3 C
BURNSVILLE	1137	CUMBERLAND	3	37 57	87 02	600	9				1 2 3
BURNSIDE	1156	PULASKI	2	36 59	84 37	705	69				1 2 3 C
CADIZ LOCK E	1206	TRIGG	2	36 46	87 59	424	-				2
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 21	777	9	9			1 2 3
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	3	30			1 2 3 C
CENTRAL CITY	1439	MULLENBERG	3	37 17	87 07	-					1 2 3
CLEMONT 1 SSE	1451	BULLITT	1	37 57	85 40	474	3				1 2 3 C
CLINTON	1631	HICKMAN	6	36 41	89 00	370					2
COLLEGE HILL LOCK 11	1704	MADISON	3	37 47	84 06	611	45				1 2 3 C
COLUMBIA	1722	ADAIR	3	37 06	85 18	729	14				2
CORBIN CAA AIRPORT	1801	WHITLEY	2	36 58	88 08	1173	10	10			1 2 3
COVINGTON WB AIRPORT	1955	BOONE	7	39 04	84 40	869	7				1 2 3 C
CUMBERLAND FALLS ST PARK	1969	WHITLEY	2	36 50	84 19	-	1	3			2
CYNTHIANA	2018	HARRISON	3	37 23	84 18	684	1				1 2 3
CYNTHIANA 2 SW	2009	HARRISON	5	38 23	84 19	712	3	3			1 2 3
DANVILLE	2040	BOYLE	4	37 39	84 46	955	21	45			1 2 3
DAVELLA	2053	MARTIN	1	37 48	82 32	-					1 2 3
DELPHIA 1 E	2137	PERRY	4	37 02	83 07	1780	14				2
DEMA	2139	KNOTT	1	37 25	82 48	850	14				1 2 3
DIXIEY DAM	2180	FLOYD	4	37 45	82 47	653	1				1 2 3 C
OIX DAM	2214	MERCER	4	37 48	84 43	917	1	1			1 2 3
OUNDEE BARRETT'S FORD BR	2358	OHIO	3	37 33	86 43	450	13				2 C
QUINOR	2366	MULLENBERG	3	37 05	87 00	610	14				2
QUINVILLE	2374	CASEY	3	37 13	84 58	-	14				2
OVER	2391	BRECKINRIDGE	-	37 43	86 13	-					2
EDDYVILLE LOCK F	2445	LYON	2	37 03	88 05	420	-				2
EDMONTON	2469	METCALFE	3	37 00	85 37	-	11				2 C
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	3				2
FALMOUTH	2775	PENDELTON	5	38 40	84 20	560	67				1 2 3
FARMERS	2791	ROWAN	3	38 09	83 33	668	48	49			1 2 3
FLEMINGSBURG	2903	FLEMING	5	38 25	83 43	870	30				2
FLEMINGSBURG POST OFFICE	2908	FLEMING	5	38 25	83 44	750					2
FORD LOCK 10	2953	MADISON	4	37 53	84 15	593	40				1 2 3
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 28	88 06	356	7	26			1 2 3 C
FRANKFORT LOCK 4	3028	FRANKLIN	4	38 13	84 52	504	70	72			1 2 3
FRANKLIN WATER WORKS	3036	SIMPSON	3	36 43	86 34	691					2
FREEBURN	3046	PIKE	1	37 34	82 08	727	3				2 C
FRENCHBURG	3052	MENEFEE	5	37 57	83 39	930	4				2
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	880	12				2 C
GEST LOCK 3	3203	HENRY	4	38 25	86 53	490	45				2 C
GLASGOW	3241	BARREN	3	37 19	85 55	780	20	23			1 2 3
GLASGOW WKAY	3246	BARREN	3	37 00	85 55	-	1	1			1 2 3
GLENDAL	3252	HARDIN	3	37 36	85 55	700	3				2
GOLDEN POND 8 N	3295	TRIGG	2	36 54	88 00	-	1	1			1 2 3
GRANT DAM 38	3358	BOONE	7	38 59	84 49	506	29				2
GRAYSON	3391	CARTER	3	37 19	82 57	569	-	22			1 2 3
GREENSBURG	3430	GREEN	3	37 15	85 30	630	61	67			1 2 3
GREENSBURG HWAY 61 BR	3435	GREEN	3	37 15	85 30	600	4				2
GREENUP DAM 30	3443	GREENUP	7	38 37	82 51	540	35				2
GREENVILLE 2 W	3451	MULLENBERG	3	37 12	87 12	519	38	38			1 2 3
HALY'S MILL	3539	CHRISTIAN	3	37 03	87 20	740					2 C
HARTFORD 6 NW	3652	OHIO	3	37 32	86 54	-					2
HAZARD	3709	PERRY	4	37 15	83 12	869	4				2
HAZARD WATER WORKS	3714	PERRY	4	37 15	83 12	869	4				2
HEIDELBERG LOCK 14	3741	LEE	4	37 39	83 46	663	21	39			1 2 3
HENDERSON 4 SW	3762	HENDERSON	7	37 47	87 37	382	32	40			1 2 3
HERNDON	3798	CHRISTIAN	2	36 44	87 34	-					2
HICKMAN 1 E	3816	FULTON	6	36 34	89 10	-	4				1 2 3
HICKSVILLE	3821	GRAVES	9	36 48	88 30	440	7				2
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4	37 49	84 43	-	52				2
HINDMAN SETTLEMENT SCHOOL	3899	KNOTT	4	37 20	82 59	1080	-	6			1 2 3
HODGENVILLE NAT PARK	3929	LARUE	3	37 32	85 49	-					2
HOPKINSVILLE	3994	CHRISTIAN	2	36 51	87 30	540	58	58			1 2 3
HYDEN	4093	LESLIE	4	37 10	83 22	850	14				1 2 3
INEZ	4134	MARTIN	1	37 52	82 32	638	3				2
IRVINGTON	4165	BRECKINRIDGE	3	37 53	86 17	646	57	57			1 2 3
JACKSON	4196	BREATHITT	4	37 33	83 23	698	36				2
JEREMIAH	4255	LETCHER	4	37 10	82 56	1150	14				2

† 1-BIG SANDY; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-OHIO; 8-SALT; 9-TENNESSEE

## REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Fether Bureau type pan of 4 foot diameter unless otherwise shown by footnotes following Table 4.

The four digit identification numbers in the index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the Post Office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

- No record.

+ Also later date (dates) or months.

\* Amount included in following measurement.

8 Adjusted to full month.

C Data for recorder stations denoted by "C" are processed for special purposes and published in Hourly Precipitation Data. Length of record for recorder-only stations may be found in the Annual Precipitation Data.

E Amount in wholly or partially estimated.

N Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.

R Data from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

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See page 146 for Change in Station Name and Relocations

551.05  
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V.49'

nat. Hist.

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief



# CLIMATOLOGICAL DATA

## KENTUCKY

MAR 24 1954

JANUARY 1954  
Volume XLIX No. 1



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CHATTANOOGA: 1954



O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Temperature conditions during the month were quite variable, but, with the exception of one period, they were not too severe for mid-winter. The average temperature for the state as a whole was above normal. Extremes of temperature both high and low were well within previous records. The percentage of possible sunshine and the average amount of cloudiness were about normal during January. Precipitation was frequent and occasionally moderate to heavy with the state average about  $\frac{3}{4}$  inch above the mean. Thus the opening of the year 1954 brought above normal precipitation for the first time since May, 1953. Snowfall was above the average with the heaviest falls occurring during the period of the 10th and 11th. There were no winter storms. With weather conditions being seasonal, farm activities were routine and consisted of stripping and marketing tobacco and stock care.

The month opened rather warm with temperatures averaging much above normal for the first two days. Following this short period and for the next nine days, the weather was changeable with considerable temperature fluctuations, but with the average over the period above normal. On the 10th a cold Arctic air mass overspread the state and brought the lowest readings to most of the state since the extremely low temperatures of February, 1951. On the morning of the 13th, many below zero readings were recorded. This cold spell lasted for about a week and was the only severe cold weather of the month. A rapid change to much warmer took place on the 19th and for the next three days temperatures were again above normal. It was during this period that most locations recorded their highest temperature for the month. The balance of the month again saw considerable temperature fluctuation with the overall average for the period above normal. The mean temperature for the state was  $36.7^{\circ}$  which is  $0.6^{\circ}$  above normal. The monthly mean temperature ranged from  $39.5^{\circ}$  at Pikeville to  $31.6^{\circ}$  at Williamstown. The highest temperature for the month was  $70^{\circ}$  at Benham on the 20th and Pikeville on the 20th and 26th; the lowest was  $14^{\circ}$  below zero at Farmers on the 13th.

Precipitation of varying intensities occurring on 25 days at one location or

another was rather frequent but since individual amounts were quite variable, the state total was only slightly under  $\frac{3}{4}$  inch above normal. The pattern of precipitation generally followed a progression from north to south with the smallest amounts in the extreme north and the largest falls in the south-eastern counties. Snowfall was above normal with the larger amounts reported from the central and eastern divisions. The snowfall of the period 10th and 11th remained on the ground, as a result of the cold weather, for a period of approximately a week. During the first decade precipitation was generally light in the northern sections and heavier in the eastern with the averages ranging from  $\frac{1}{4}$  inch or less in the north to near 2 inches in the southeast. From the 11th on, precipitation was almost a daily occurrence. The heaviest general precipitation since mid-July was recorded during the week ending on the 17th; amounts totalled from  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches in all sections except the extreme north where amounts were near 1 inch. From the 18th to the 25th, totals were in excess of 1 inch all sections. The balance of the month saw rainfall totals averaging from  $\frac{1}{2}$  to 1 inch except in the southeast where about  $\frac{1}{4}$  inch was recorded. The average precipitation for the state was 5.32 inches which is 0.73 inch above normal. The total amounts recorded at the various locations ranged from 9.74 inches at Albany to 2.12 inches at Greenup Dam 30. The heaviest rainfall reported in any one day was 2.88 inches at Munfordville on the 21st. The monthly average of snowfall was 4.9 inches which is 0.9 inch above normal. The greatest amount of snowfall was 11.0 inches at Willow Lock 13. The greatest depth on the ground was 11 inches at Willow Lock 13 on the 11th.

Farm activities during the month consisted of the usual winter routine. The major activity was the stripping and marketing of tobacco which by the end of the month was almost completed. The precipitation during the month was apparently sufficient for replenishing the soil moisture. Farm ponds were mostly full and water hauling ceased in most areas. Stock feeding continued heavy and grains and grasses were in poor condition. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
JANUARY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSE	20	15.1	-	-	-	80	83	69	75	10	4	2	3	1	0	20	-	7.4
LOUISVILLE WB AP	S	18	9.9	34	SW	9	79	80	67	71	11	5	1	3	1	0	21	41	7.2

## COMPARATIVE DATA

Table 1

JANUARY

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1889	38.0	65	13	3.52	-		1914	39.4	79	5	2.31	1.0		1939	40.4	74	11	5.56	2.1	
1890	44.0	77	10	6.43	-		1915	33.0	65	0	5.03	7.0		1940	21.1	61	-20	1.67	8.6	
1891	37.0	68	<u>14</u>	5.40	-		1916	41.2	78	-5	7.27	3.7		1941	36.7	66	0	2.53	0.2	
1892	29.0	65	-6	2.72	-		1917	36.7	74	-17	6.38	12.0		1942	32.7	70	-23	2.93	4.7	
1893	26.0	67	-22	2.08	-		1918	<u>20.6</u>	62	-20	5.09	<u>23.3</u>		1943	37.9	82	-1	1.54	6.8	
1894	38.0	78	-12	2.91	-		1919	37.9	68	-1	3.62	1.6		1944	37.7	75	0	1.60	1.5	
1895	30.0	78	-16	5.71	-		1920	33.4	72	-6	6.75	0.7		1945	31.8	<u>60</u>	-3	4.05	4.9	
1896	36.1	74	-3	1.25	-		1921	39.7	71	12	3.06	4.0		1946	36.9	76	-1	4.02	1.7	
1897	32.0	75	-16	3.25	4.2		1922	34.6	67	1	2.25	1.1		1947	40.3	74	3	6.04	2.2	
1898	40.4	72	6	8.76	1.4		1923	41.0	68	11	6.11	T		1948	26.8	72	-21	3.18	12.3	
1899	34.4	68	-18	6.23	8.5		1924	31.3	66	-8	5.05	1.2		1949	43.0	80	4	6.86	2.2	
1900	37.2	77	-8	2.80	0.9		1925	35.8	66	-9	2.60	4.1		1950	<u>45.4</u>	80	12	12.82	0.1	
1901	36.7	75	4	1.85	0.8		1926	34.4	69	-11	4.01	7.1		1951	<u>37.8</u>	76	-2	7.54	5.4	
1902	33.7	70	5	5.14	2.3		1927	35.8	76	-3	6.33	2.2		1952	41.7	80	2	5.36	0.8	
1903	34.8	82	-9	2.50	2.8		1928	35.0	76	-8	2.47	1.9								
1904	32.3	70	-9	3.17	2.5		1929	34.8	76	-6	4.54	1.8		1953	41.3	70	-8	4.65	3.1	
1905	27.5	70	-15	2.83	12.8		1930	34.6	75	-20	4.85	3.8		1954	36.7	70	-14	5.32	4.9	
1906	39.7	80	-9	3.48	3.1		1931	37.7	72	-9	<u>1.23</u>	2.3								
1907	43.2	<u>83</u>	-11	8.02	4.8		1932	44.9	80	<u>14</u>	8.13	0.2								
1908	35.0	<u>62</u>	7	2.20	1.1		1933	43.9	74	<u>10</u>	5.18	0.1								
1909	38.3	77	-8	3.47	5.7		1934	40.4	72	-3	1.85	0.2								
1910	33.8	70	-20	4.41	11.0		1935	37.3	71	-2	5.28	3.4								
1911	39.7	73	-16	2.88	4.4		1936	29.4	68	<u>-25</u>	2.99	6.2								
1912	25.9	61	-20	3.09	11.7		1937	43.6	76	13	<u>15.77</u>	2.0								
1913	42.5	76	13	11.41	1.4		1938	35.9	72	-4	3.56	1.6								

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
JANUARY 1954

TABLE 2

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days			Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
											30° or Above	32° or Below	34° or Below					Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More	
																								Max.
WESTERN DIVISION																								
BEAVER OAM		47.1	26.6	36.9	.6	64	8	- 2	13	868	0	3	25	1	5.66	1.48	1.93	20	2.5	3	10	7	5	1
FOROS FERRY OAM 50		47.0	28.3	37.7		66	20	2	13	840	0	5	21	0	4.14	.42	1.00	15	5.7	6	10	8	5	1
GOLEEN POND 8 N		49.5	27.2	38.4		64	20	0	13	851	0	2	22	1	6.54		2.26	20	3.8	3	10	9	5	2
GREENVILLE 2 W		47.5	27.0	37.3	1.2	62	3+	1	13	854	0	3	24	0	5.64	1.13	2.30	20	3.5	4	10	8	5	1
HENDERSON 4 SW		45.6	28.3	37.0	.7	63	20	1	13	863	0	5	21	0	5.22	1.28	1.40	20	6.5	5	10	7	5	2
HICKMAN 1 E		47.6	22.9	35.3		65	9	2	13		0	2	27	0	6.19		1.82	20	3.0	3	10	9	5	3
HOPKINSVILLE		45.9	25.4	35.7	- 1.8	63	20	3	13		0	4	25	0	6.07	1.87	1.30	10+	2.1	2	10	8	4	3
LOVELACEVILLE		47.3	26.5	36.9	.0	65	20	0	13	865	0	3	24	1	4.93	.25	1.55	20	4.5	5	10	7	4	1
MAIDSONVILLE 1 SE		47.6	27.6	37.6		65	20	- 1	13	841	0	3	22	1	5.03	.90	2.20	20	3.5	3	10+	8	6	0
MAYFIELD 2 S		47.5	27.5	37.5	.8	63	8	5	13	802	0	4	23	0	6.03	1.32	2.22	20	4.0	4	10	8	4	2
MURRAY		49.5	29.1	39.3	1.5	63	8+	- 7	13	792	0	2	20	0	5.93	.71	1.55	20	2.0	2	10			4
OWENSBORO 2 W		45.5	27.8	36.7	1.8	62	8	- 7	13	872	0	4	21	1	4.69	.36	.81	20	7.0	7	10	8	6	0
PAOUCAH CAA AIRPORT		44.0	26.3	35.2		66	20	3	12+	916	0	5	24	0	3.94	.85	.85	20	2.5	3	10+	6	4	0
PAOUCAH		44.9	25.3	35.1	- 1.6	66	21	3	13		0	4	25	0	4.70	.33	1.05	10	2.5	3	10			
PRINCETON		47.9	25.7	36.8	.3	65	20	2	13	841	0	3	26	0	6.70	2.17	2.45	20	2.0	2	10	8	6	1
RUSSELLVILLE		47.4	28.1	37.8	1.6	63	19	1	13	839	0	3	22	0	7.37	2.51			4.7	3	10			
DIVISION				37.0											5.55				3.7					
CENTRAL DIVISION																								
ANCHORAGE		45.5	26.0M	35.8M	2.5	60	20	- 4	13	898	0	4	24	2	4.31	.38	1.49	20	5.0	4	10	6	4	1
BAROSTOWN S J PREP SCH		47.5	26.5	37.0		62	8+	- 5	13	863	0	1	23	1	3.97		.86	20	3.1	3	10+	7	5	0
BOWLING GREEN CAA AP		46.1	26.9	36.5	.2	62	19	- 1	12+	875	0	5	25	2	6.63	1.37	1.66	20	3.0	3	11	7	6	2
CAMPBELLVILLE		47.2	27.5	37.4		62	20	- 5	13	850	0	4	22	1	6.62		1.39	20	4.0	4	10	10	5	3
CARROLLTON LOCK 1		45.4	28.0	36.7		62	20	0	13	871	0	4	22	1	2.67	.95	.75	20	5.8	4	10	8	1	0
CLERMONT 1 SSE		47.4	25.4	36.4		62	8	- 9	13	881	0	4	25	1	4.22		.95	20	5.6	5	8			3
COVINGTON W 8 AIRPORT		42.1	26.3	34.2	2.4	60	20	5	13	948	0	7	23	0	2.54	.86	.95	20	3.0	2	15	5	1	0
OANVILLE		43.3	24.6	34.0	- 1.2	62	20	- 4	13		0	5	24	2	5.35	.84	1.52	21	6.0	6	11	7	6	1
OIX DAM		45.9	28.1	37.0		62	19	- 3	13	861	0	6	21	1	3.66		1.28	21	9.2	5	11	7	4	1
FRANKFORT LOCK 4		44.0	24.7	34.4	- .7	60	9+	0	13+		0	5	26	3	3.38	.74	.86	21				8	4	0
GLASGOW WKAY		47.9	29.1	38.5		62	20	- 2	13	813	0	4	21	1	8.14		2.20	20	4.4	4	10	10	5	2
GREENSBURG		44.9	24.5	34.7	- .9	62	9+	- 5	13		0	4	24	1	7.09	2.16	2.20	21	6.5	6	11	7	5	3
IRVINGTON		46.7	27.9	37.3	1.8	63	8	- 3	13	849	0	3	20	1	5.07	.85	1.66	20	4.5	4	10	6	5	1
LEITCHFIELD		46.1	28.4	37.3	1.7	61	8	3	13	852	0	4	22	0	5.67	.78	1.79	21	3.0	3	10+	7	6	2
LEXINGTON WB AIRPORT		43.7	26.9	35.3	2.8	58	8+	- 3	12	913	0	7	24	2	4.16	.34	1.33	20	4.8	4	11	6	4	1
LOUISVILLE WB AP		44.5	27.4	36.0	1.1	60	20	2	12+	894	0	6	23	0	4.21	.11	1.51	20	5.3	3	10	5	4	1
LOUISVILLE WB CITY		43.6	28.4	36.0	.4	61	8	6	12	890	0	6	22	0	4.15	.08	1.78	20	4.4	3	10	5	3	1
MAMMOTH CAVE PARK		47.7	27.7	37.7	4.6	61	8+	- 5	13	839	0	2	21	1	7.50	1.70	2.12	20	5.0	5	10			
ST JOHN BETHLEHEM ACAO		43.0	23.4	33.2	- .7	60	9+	2	13		0	5	27	0	4.77	.03	1.30	20	5.7			7	5	2
SCOTTSVILLE		48.8	29.9	39.4		62	19+	2	13	788	0	2	18	0	7.30		1.94	20	2.0	2	10+	10	5	3
SHELBYVILLE 2 W		45.4	27.1	36.3	2.6	59	20	- 4	13	884	0	4	24	1	3.84	.54	1.03	21	4.6	5	10	7	4	1
SOMERSET 1 N		47.4M	27.1M	37.3M		63	19	- 7	13	853	0	4	23	1			1.72	20	2.8	3	10	9	4	2
SUMMER SHADE		47.8	26.3	37.1		62	8+	- 4	13	861	0	3	25	1	8.01		2.19	20	5.4	3	10	9	6	3
WILLIAMSTOWN		40.4	22.8	31.6	- 1.5	59	21	0	13		0	9	25	1	3.20	.68			4.6	2	10+			
WOLF CREEK OAM		47.6	26.5	37.1		64	21	3	13		0	2	24	0	8.11		2.10	21	3.1	3	11	8	6	4
DIVISION				36.2											5.19				4.6					
EASTERN DIVISION																								
ASHLAND OAM 29		47.9	29.2	38.6	2.8	65	19	- 1	13	813	0	2	21	1	2.22	- 1.77	.46	12	6.9	5	11	6	0	0
BARROURVILLE		50.7	27.1	38.9		66	20	- 2	13	802	0	2	20	1	6.38		1.64	21				6	4	4
BAXTER		46.9	26.2	36.6		61	21+	- 4	13+		0	4	23	0	7.11		2.87	16	1.0	2	12	9	5	2
BENHAM		50.1	27.2	38.7		70	20	- 3	13		0	3	24	2	7.82		1.65	16	10.5	3	12+	10	5	4
BEREA COLLEGE		47.4	27.9	37.7	1.0	64	19+	- 5	13	841	0	3	23	1	5.62	.92	1.30	20	10.2	9	9+	12	4	2
CORBIN CAA AIRPORT		47.9	25.1	36.5		64	20	- 6	13	875	0	3	24	2	8.16		1.75	20	2.3	2	11+	9	6	3
CYNTHIANA 2 SW		45.7M	24.6M	35.2M		60	20	- 7	13	919	0	2		1	2.32				4.0	2	11+			
DEWEY DAM		48.1	25.5	36.8		69	20+	- 9	14		0	5	24	2	4.47		.90	16	7.5	5	11	7	5	0
FARMERS		48.8M	26.2M	37.5M	2.4	66	19	-14	13	845	0	2	24	1	3.76	.55	1.00	21	9.2	7	11+	6	4	1
GRAYSON		47.5	26.4	37.0		65	19	-10	13	863	0	3	23	1	2.86		.57	21	10.0	7	11	7	2	0
HEIOELBERG LOCK 14		48.3	25.5	36.9	1.2	66	20	-11	12	860	0	2	22	1	5.59	1.08	1.41	21	7.8	7	11	7	5	2
HINOMAN SETTLEMENT SCH		46.4	21.7	34.1		68	21	- 9	13		0	4	26	2	6.03		1.30	22	4.3	4	10	7	5	3
INEZ		49.5	26.1M	37.8M		67	19	-10	13	841	0	2	22	1	4.13				7.5	7	11+			0
MANCHESTER 4 SE		49.8	25.6	37.7		65	19+	- 7	13	839	0	2	24	1	7.25		1.32	21	3.0	3	11	9	6	4
MAYSVILLE OAM 33		43.6	24.7	34.2	.8	62	20	- 2	13		0	6	25	2	3.01	.95	.66	20	3.5	3	11	6	3	0
MIOOLESBORO		49.0	28.8	38.9	.8	62	27	4	13	801	0	2	19	0	8.79	4.36	2.15	16	T	T	11+	8	6	4
MOUNT STERLING		45.9	27.3	36.6	3.2	64	19	- 2	13	864	0	5	23	1	5.34	.92	1.27	20	8.7	8	10	9	5	4
PIKEVILLE		50.2	28.8	39.5	2.6	70	20+	- 2	13	780	0	3	21	0	4.74	1.11	.96	10	5.0	5	12	8	4	0
RICHMOND E STATE COL		43.8	25.8	34.8	- 1.1	62	20+	- 5	13		0	6	24	1	5.25	.94	1.30	21	9.0	9	11	7	6	2
VANCEBORO OAM 32		46.4	26.3	36.4		62	20	- 2	13	881	0	3	26	1	3.06	.83	.60	15	4.0	3	11	7	4	0
WEST LIBERTY WATER WKS		45.7M	22.7M	34.2M		65	20+	0	14		0	4		1	4.02		.93	21	8.0					



# DAILY PRECIPITATION

KENTUCKY  
JANUARY 1954

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45	4.43			T		.05					.45				.04	1.00	.50			.02	.15	1.28	.02			.10		.82		T		
ADDIPLUS 1 N	7.45					.10					1.30	.15			.15	1.35	1.10				.15	2.30	.45	.15			.06		.34			
ALDRY	9.74					.04					1.40	.70			.06	1.90	1.30	.03				2.51	1.09	.35					.36			
ALLEN	4.79					.04	.06				.68	.70			.81	.89					.03	1.49	.03	.55	.89			.11			.06	
ANCHORAGE	4.31			.07		.06	T			T	.50				.72	.58	.04							T	T		.41		.36			
ASHCAMP	6.51						T				.86	.71	.33			.98	1.29	T				.60	1.40	.23				.11				
ASHLAND DAM 29	2.22		.02			T	.09				.12	.46	T			.40	.42			T		.40	.05	.02				.24		T	T	
BARBOURVILLE	6.38		.08			.06					.05	.58	.25			.47	1.40					1.64	1.10					.38				
BARDSTOWN S J PREP SCH	3.97					.06				.05	.58				.61	.63	.42				.86	.55	.04				.17					
BAITER	7.11			T		.10		T			.76	.57	.02			.39	2.87	.02				1.08	.65	.20				.45				
BEAVER DAM	5.66									T	.70				.76	.93	.04					1.93	.04	.21				.84	.19		.02	
BENHAM	7.82					.11	T	.05			.06	1.21	.04		.06	1.34	1.65	.16	.02	.03		.94	1.04	.26				.43	.08	T	T	
BEREA COLLEGE	5.62						T		.33		1.20	.15			.58	.86	.29	T				1.30	.18	.12	.13	.02		.25	.21			
BEREA WATER WORKS	5.63										1.08	.69			T	.93	.77	T	T			1.45	.32	.02				.37	T			
BOWLING GREEN	6.86			.02		.07					1.35	.12				1.32	.95					1.95	.32					.76		T		
BOWLING GREEN SUBSTA	6.60			.06		.05					1.18	.19			.06	1.18	1.11					1.72	.25			T		.80		T		
BOWLING GREEN CAA AP	6.63		.04		.02					.83	.52			T	.78	1.52	.01					1.66	.19	.09		T		.89	.08			
BRENT DAM 36	2.52			.04		T	.08	.01			.02	T			.06	.30	.43			T	T	.54	.54				.01	T				
BROWNSVILLE LOCK 6	6.65						.19				.89				.10	.76	.62						.20	.17				.70				
BURDINE 2 NE	6.42										.78	.70	.05			1.15	1.62					.76	.89	.32				.15				
BURKESVILLE	7.98			T		T	.03	T	T		1.41	.44			.04	1.51	1.17	T				2.08	.85	.10			T	T	.35		T	
CADIZ LOCK E	6.90										1.16				.25	.96	.89					.97	1.49	.39			.04		.75			
CAMPBELLVILLE	6.62			.04		.03				.29	1.15	.04			.54	1.18	.29					1.39	.74	.21				.38	.33		.01	
CARROLLTON LOCK 1	2.67			.07		.10					.20				.17	.28	.40					.75	.25					.45				
CLERMONT 1 SSE	4.22			T		.07	T			.07	.56				.76	.41	.40				.03	.95	.38	.07		T	.33	.19		T		
COLLEGE HILL LOCK 11	4.20			.02							.82	.17		.05		.79	.61					1.03	T		.05			.66				
COLUMBIA	7.00					.06					1.49	.19	T		T	1.27	.99					2.30		.10	.12			.48				
CORBIN CAA AIRPORT	8.16					.05	.01			.48	1.64	T			.98	1.63	.19				T	1.75	.55	.66		T		.03	.19			
COVINGTON W B AIRPORT R	2.54		.02	T		.09	T				.01	T			.41	.36	T			.02	.95	.19			T	T	.41	.07		T	.01	T
CUMBERLAND FALLS ST PK	8.10				.02						1.80	.35			.36	2.00						1.00	1.05	1.33				.19				
CYNTHIANA	3.13			.04		.05	.05	T		T	.36	T			.06	.47	.60					.40	.59	.07				.44				
CYNTHIANA 2 SW	2.32										.18				.63	.41						.110										
DANVILLE	5.35			T		.02	T				.93	.50	T		T	.99	.71	T				1.52	.18	T				.50				
DELPHIA 1 E	6.50			.05		.02	T			.03	1.23	.31	.10		.21	1.35	.85	.15				T	.35	1.50	T			.35				
DEMA	5.00										1.10	.46	.08			1.19	.69					.22	.36					.14				
DEWEY DAM	4.47			.03		T	.02	T			.59	.74	.05		T	.71	.90	T				.44	.89	T				.10				
DIX DAM	3.66					.08					.63	.18			T	.10	.66					1.28	.10					.63				
DUNDEE BARRETT'S FORD BR	5.55					.12	T				.62				.14	.85	.85					.53	1.30			.04		.97		.03		
DUNMORE	6.35										1.26	T			.10	.76	.62					.07	2.60	.38	.03			.53				
DUNNVILLE	7.29										1.60	.20			.30	1.00	.91					2.23						1.05				
EDDYVILLE LOCK F	5.60										.98				.24	.86	.64			T		.95	1.30	.20		.05	T	.38				
EDMONTON	7.38										1.25	.32	.10		.05	1.49	.95					2.15	.32		.10			.05	T			
ELKHORN CITY	5.16			.05			T	T			.60	.58	T		T	.77	1.30	.05	T			.48	.87	.34				.12				
FALMOUTH	3.20			.02	T	.09	.04	.02	T		.28	.06			.08	.42	.48	T	T		.03	.46	.64	.04		.02		.52		T		
FARMERS	3.76					.02	.01				.63	.32			.07	.58	.69					1.00		.06				.38		T		
FLEMINGSBURG	4.01			T		.24	.04	.05	T	.02	.26	.14	T		.11	.56	.52	T				.84	.64	.05				.54		T		
FORD LOCK 10	4.28					.07	T				.57	.39	T		.11	.77	.73	T				T	1.00	T	T			.64		T		
FORDS FERRY DAM 50	4.14										.62				.12	1.00	.37				T	.60	.45	.01		.10	.02	.65				
FRANKFORT LOCK 4	3.38			.02		.13					.26				.02	.69	.86	.05				.20	.22	.48				.85				
FRANKLIN WATER WORKS	7.66										1.43		.33		T	1.25	1.10											.85				
FREESBURN	2.44										.35	.22				1.35									.20			.32				
FRENCHBURG	5.05			.02		.01					1.02	.33	T		.06	.70	.72	.01	.01			* 1.32	.17				.20		.32			
GEORGETOWN WATER WORKS	3.55					.08	T			.05	.30	T			.06	.64	.52					* 1.54						.36		T		
GEST LOCK 3	3.48			.03		.13					.28				.10	.55	.47				.02	.22	1.12	.01			T	.55				
GLASGOW	7.93			.03		.05					1.25	.37			.02	1.																

# DAILY PRECIPITATION

KENTUCKY  
JANUARY 1954

Table 3—Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE SUBSTA	6.96										1.37	.08		T	1.21	.68					.20	1.85	.65		.04	T		.88					
ST JOHN BETHLEHEM ACAD	4.77			.03		.07					.52				1.01	.74					1.30	.30	.12				.03	.60		.05			
SALVISA LOCK 6	4.97			T		.08				T	.87	.18		.01	.90	.86				T	.08	1.35	.13	T				.51		T			
SALYERSVILLE 2	4.77		.04	.02		.01					.79	.57		.02	.74	.89					.46	.28	.64	.05				.26					
SCOTTSVILLE	7.30					.03				.30	1.18	.03		.53	1.38	.42					1.94	.38	.52				.12	.47					
SERREE WATER WORKS	-									-												.32					.70						
SHAWNEE STEAM PLANT	5.11									.05	.77				.30	1.04	.53				1.00	.30				.06	.40	.66					
SHELBYVILLE 2 W	3.84			.05		.05		T			.45			.10	.65	.52				.01	.16	1.03	.02				.80	T	T				
SHEPHERDSVILLE	4.28					.10					.58	T			.90	.52				.03	.45	.98	.07				.65						
SOMERSET 1 N	-		.04	.02	.06					.70	.20	.40			.40	1.30	.28					1.72	.18	.75				-			.02		
SPRINGFIELD	4.89		T		T						.80	.15			1.05	.65					.26	1.36	.15					.47					
STEARNS 2 N	9.13		.10								1.50				1.80	1.87					2.01	1.10	.35					.40					
SUMMER SHADE	8.01		T							.69	1.32				.72	1.72	.18				2.19	.16	.48				.05	.50		T			
SUMMER SHADE SUBSTA	7.48				.06						1.41	.26			1.00	1.12					2.01	.27	.25					.48		.02			
TAYLORSVILLE	3.71				.09		T				.37	.02		.07	.78	.56	T			.02	.20	1.07	.01	T	T	T		.52					
TOMPKINSVILLE 2	7.31			.03							1.30	.40			1.53	1.26					1.70		.47					.62					
TURKEY CREEK SCHOOL	6.64										1.34			.11	1.02	.86					.81	1.22	.40			.04		.84					
TYRONE LOCK 5	4.24					.11					.38	T			.09	.82	.70				.45	1.30	.02					.37					
UNIONTOWN DAM 49	5.58										.52				.33	1.05	.52			.01	1.40	.74	T			.03	.02	.93		.03			
VALLEY VIEW LOCK 9	4.25			.03		.03	T	T			.60	.20		.01	.91	.67		T			T	1.15	T					.65					
VANBUREN	4.40		T		.15				T		.54				.78	.72					.13	1.49	.03					.56					
VANCEBURG DAM 32	3.06				T	.10	T				.02	.37	.01		.03	.60	.50	T	T		.50	.53	.03					.36	.01				
WAYNESBURG 6 E	6.68		T								1.35	.75			.04	.88	.90					1.80	.45	.06				.45					
WEST LIBERTY WATER WKS	4.02										.50	.57			.72	.38	.35					.93	.35					.22					
WESTPORT	3.29			T		T	T				.20				.44	.35	.40			.04	.65	.64			T	T	T	.57	T	T			
WILLIAMSBURG	9.05			.01		.02				.16	1.40	.10			.55	2.00	1.01				1.15	.75	1.35					.55					
WILLIAMSTOWN	3.20					.15					.23		T		.20	.41	.27			.05		1.30				T		.59					
WILLOW LOCK 13	6.35			.02		.08					1.22	.70			T	1.22	.86					1.50	.37	.10				.28					
WOLF CREEK DAM	8.11					.02					1.37	.53			.01	1.68	1.15					2.10	.68	.15				.42		T			
WOODBURY LOCK 4	5.96										.99	.04			.05	.85	.69				.37	2.19	.28					.46		.04			

# DAILY TEMPERATURES

KENTUCKY  
JANUARY 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	54 30	58 31	52 30	45 22	42 35	36 23	48 22	59 25	57 41	41 25	33 8	27 -	23 4	36 19	40 33	38 31	31 15	51 15	58 29	60 50	57 28	32 23	41 17	45 33	54 42	56 51	57 27	35 28	51 29	51 29	43 20	45.5 26.0
ASHLAND OAM 29	MAX MIN	56 31	60 26	56 38	42 34	44 30	38 32	46 32	54 22	57 39	52 27	35 24	30 15	25 -1	35 19	42 34	42 34	35 21	57 17	65 36	64 53	58 31	35 23	46 18	58 31	52 45	63 50	60 33	39 51	51 29	52 29	45 23	47.9 29.2
BARBOURVILLE	MAX MIN	51 26	58 18	60 34	51 15	46 29	42 24	43 21	51 19	61 40	58 31	35 25	32 12	19 -2	36 14	46 35	50 44	42 24	60 17	62 35	66 46	64 33	45 31	46 24	50 34	57 35	62 49	65 36	50 24	54 28	51 30	60 24	50.7 27.1
BAROSTOWN S J PREP SCH	MAX MIN	55 34	55 33	53 31	48 20	48 34	39 25	47 62	55 23	62 45	51 24	33 14	33 5	23 -5	37 19	44 33	40 30	15 15	18 18	60 29	62 50	61 31	33 21	42 20	42 30	49 43	53 43	58 27	35 26	54 31	54 29	48 18	47.5 26.5
BAXTER	MAX MIN	42 21	53 18	55 18	49 18	55 28	43 28	35 28	45 21	57 21	56 40	41 27	29 19	20 4	32 4	40 31	49 37	45 30	31 20	55 60	60 37	61 42	56 34	46 26	29 49	57 39	53 36	61 41	40 27	49 28	47 20	46.9 26.2	
BEAVER OAM	MAX MIN	56 32	58 34	58 28	49 19	48 30	39 31	51 21	64 29	57 35	37 24	30 14	26 4	24 -2	35 20	47 33	45 31	34 14	50 18	62 29	61 53	57 31	34 23	35 18	45 31	55 42	56 49	57 25	36 25	55 28	49 31	49 24	47.1 26.6
BENHAM	MAX MIN	52 27	59 25	59 20	55 17	58 19	45 30	45 28	44 20	52 21	57 38	43 23	27 13	21 -3	32 -1	49 32	55 45	44 28	41 19	57 38	70 47	65 51	55 32	37 21	58 28	63 34	59 45	61 55	62 26	37 27	40 25	49 26	50.1 27.2
BEREA COLLEGE	MAX MIN	54 35	57 26	52 28	51 20	46 35	36 29	47 26	61 28	54 41	41 25	33 16	27 6	25 -5	40 20	49 39	48 31	34 20	59 16	64 46	64 54	55 29	30 23	46 37	51 51	58 46	63 51	57 27	33 26	52 28	47 28	44 20	47.4 27.9
BOWLING GREEN CAA AP	MAX MIN	56 31	58 32	58 25	50 31	44 21	39 26	50 22	60 26	53 34	35 26	30 14	17 -1	28 -1	40 28	49 36	44 27	29 18	57 19	62 37	60 45	45 31	31 24	34 20	46 29	55 45	58 51	57 27	35 27	55 31	49 30	53 23	46.1 26.9
CAMPBELLVILLE	MAX MIN	54 33	58 35	55 29	48 19	47 33	38 26	47 23	60 27	56 47	49 24	31 15	26 4	25 -5	38 20	48 34	49 29	32 17	56 18	61 43	62 52	55 31	34 23	46 19	54 44	58 49	59 27	34 25	52 28	49 32	49 22	47.2 27.5	
CARROLLTON LOCK 1	MAX MIN	52 32	56 33	53 33	48 32	42 38	36 26	47 28	55 24	57 48	50 26	33 12	30 9	22 0	37 19	38 33	39 31	32 15	48 18	56 32	62 51	58 28	30 23	40 15	44 34	54 50	55 41	57 29	33 50	51 31	40 28	40 23	45.4 28.0
CLERMONT 1 SSE	MAX MIN	56 32	58 34	55 28	50 16	45 34	39 22	50 18	62 20	58 46	50 24	35 9	27 -9	35 9	42 19	32 33	39 30	31 14	54 16	60 30	60 52	58 30	32 22	43 19	45 31	55 42	55 50	58 27	35 26	54 25	52 19	49 15	47.4 25.4
CORBIN CAA AIRPORT	MAX MIN	56 24	58 19	53 21	54 14	45 31	36 24	48 21	60 20	55 41	49 26	29 21	22 -5	26 -6	40 25	49 38	49 30	33 18	57 18	63 36	64 49	55 33	33 26	41 23	53 26	55 43	61 43	58 27	35 26	53 28	48 22	47 16	47.9 25.1
COVINGTON W B AIRPORT	MAX MIN	50 36	55 34	49 32	43 31	37 34	30 30	43 29	55 28	55 27	30 19	32 15	20 6	21 5	35 20	39 34	37 21	24 13	44 35	54 34	60 49	54 22	29 18	38 15	42 34	52 39	56 50	56 27	31 27	47 27	42 25	40 22	42.1 26.3
CYNTHIANA 2 SW	MAX MIN	52 31	58 26	56 26	53 23	50 30	36 29	45 27	56 20		38 19	33 6	20 -7	36 13	45 33	42 32	37 22			60 35	58 28	30 22	35 18	50 30	55 35	55 40	50 28					45.7 24.6	
DANVILLE	MAX MIN	43 25	53 35	57 30	38 21	49 21	39 28	36 24	47 24	60 29	52 25	28 17	33 7	17 -4	29 -1	39 29	48 34	35 18	28 17	56 22	62 45	59 37	38 24	27 20	35 20	48 33	55 44	59 36	33 26	53 31	49 21	43 21	43.3 24.6
DEWEY OAM	MAX MIN	52 24	59 18	61 28	41 19	49 19	46 33	46 31	47 19	58 33	60 30	31 24	35 19	20 -8	29 -9	37 23	45 39	43 25	31 16	62 28	69 35	69 40	51 27	28 24	35 35	54 31	59 45	68 45	63 29	41 29	52 27	51 24	48.1 25.5
DIX OAM	MAX MIN	52 34	57 34	53 33	48 25	45 35	38 27	45 25	59 27	55 47	50 25	29 16	27 4	21 -3	35 19	44 35	45 31	32 12	54 17	62 40	59 52	58 31	32 24	34 20	46 32	55 45	58 49	58 28	31 26	50 29	48 36	44 21	45.9 28.1
FARMERS	MAX MIN	54 24	60 20	57 35	59 20	46 29	48 30	57 20	57 39	51 26	33 16	29 9	22 -14	35 10	42 33	40 33	40 33	34 20	59 14	66 31	63 54	59 32	34 24	36 19	54 30	58 46	63 53	59 32	38 29	52 28	46 26	48.8 26.2	
FOROS FERRY OAM 50	MAX MIN	51 34	57 42	54 31	51 25	48 33	44 31	54 23	62 30	60 40	41 22	32 13	28 7	25 2	36 22	40 33	38 30	31 13	40 15	60 36	66 52	59 30	32 24	42 20	44 32	40 40	57 53	58 25	41 24	55 30	46 38	46 26	47.0 28.3
FRANKFORT LOCK 4	MAX MIN	42 24	54 25	57 27	40 27	46 24	42 26	37 27	47 23	60 23	55 26	32 21	34 12	18 0	29 0	38 28	38 34	36 16	27 17	55 20	60 36	60 39	40 25	32 20	40 27	47 33	56 44	59 45	45 26	35 28	52 31	50 20	44.0 24.7
GLASGOW WKAY	MAX MIN	54 34	57 38	56 28	50 22	45 34	38 23	48 20	61 28	56 49	49 26	31 15	27 7	27 -2	41 20	54 39	52 32	32 18	56 22	61 44	62 56	56 33	33 26	34 21	47 31	58 46	58 30	34 27	53 31	48 31	53 23	48 23	47.9 29.1
GOLOEN PONO 8 N	MAX MIN	57 34	59 32	59 18	58 18	52 33	42 26	52 18	62 29	63 30	43 24	33 15	30 10	27 0	40 26	47 36	43 33	39 16	40 16	63 33	64 56	60 32	33 26	38 16	46 33	59 45	63 51	58 28	40 22	58 32	54 30	52 24	49.5 27.2
GRAYSON	MAX MIN	55 24	60 27	54 27	47 36	41 30	37 26	40 30	53 30	55 35	50 26	39 21	29 11	22 -10	35 12	39 33	40 34	21 15	55 28	65 42	64 58	55 31	32 23	40 17	55 30	57 43	63 50	58 32	49 31	53 35	50 25	47 15	47.5 26.4
GREENSBURG	MAX MIN	45 25	54 28	59 32	44 17	51 17	40 27	40 20	49 20	62 24	54 26	30 18	34 9	21 -5	34 1	40 34	48 35	36 19	31 18	54 19	62 50	60 37	38 26	30 19	36 20	48 33	55 46	60 37	38 28	54 28	50 22	50 24	44.9 24.5
GREENVILLE 2 W	MAX MIN	55 34	60 37	62 27	50 20	48 30	45 31	52 20	61 28	58 40	40 22	32 12	25 6	25 1	34 22	47 33	48 31	33 14	48 18	62 32	62 54	58 32	33 24	34 18	45 30	56 42	56 50	56 26	36 24	55 29	48 32	50 22	47.5 27.0
HEIDELBERG LOCK 14	MAX MIN	55 22	58 17	56 35	48 13	43 26	39 28	47 27	60 18	57 33	51 29	34 23	32 11	24 -11	35 12	39 33	43 34	22 35	58 18	65 43	66 32	57 26	37 20	33 26	52 30	58 44	64 31	61 43	35 29	53 29	52 17	45 15	48.3 25.5
HENDERSON 4 SW	MAX MIN	54 35	56 38	54 29	48 25	46 31	41 31	52 25	62 34	58 40	40 22	29 10	23 6	31 1	38 21	39 34	37 41	32 13	34 18	60 34	63 53	58 30	32 23	39 29									



# DAILY TEMPERATURES

KENTUCKY  
JANUARY 1954

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX MIN	54 33	58 32	56 30	49 17	46 33	39 30	48 21	61 30	55 43	49 25	33 18	29 8	25 -5	38 20	52 36	51 31	35 16	55 17	60 33	61 55	58 33	38 25	33 13	46 30	55 45	55 51	58 28	35 26	49 30	50 33	49 21	47.7 27.7
MANCHESTER 4 SE	MAX MIN	56 24	59 19	55 31	55 14	46 28	46 24	48 23	61 19	58 41	48 30	34 23	28 11	-7 30	39 14	44 34	49 30	33 23	59 17	65 30	65 42	55 38	39 20	37 21	56 28	58 44	64 37	61 37	38 27	54 29	50 28	53 15	49.8 25.6
MAYFIELD 2 S	MAX MIN	54 31	56 37	55 29	50 25	48 28	42 28	52 23	63 28	61 37	38 21	31 12	28 7	27 5	38 24	46 34	44 31	35 13	36 19	62 33	62 54	60 28	31 21	37 20	45 30	59 43	58 51	56 25	40 21	55 32	51 37	51 25	47.5 27.5
MAYSVILLE OAM 33	MAX MIN	40 25	52 27	58 30	38 23	43 23	40 33	36 33	45 22	54 22	55 27	31 23	32 13	-2 -2	26 1	37 26	37 34	24 20	15 24	55 15	62 30	60 38	38 25	30 15	42 16	48 32	54 54	59 50	58 30	33 30	49 30	49 20	43.6 24.7
MIDDOLESBORO	MAX MIN	54 28	55 18	52 40	54 16	48 34	37 28	49 20	55 18	57 43	51 35	36 27	31 16	31 4	34 20	46 33	49 35	53 27	53 20	61 34	58 42	55 46	41 29	52 30	54 43	59 35	62 47	59 28	62 30	52 28	52 16	49.0 28.8	
MOUNT STERLING	MAX MIN	53 31	58 32	51 33	48 23	40 33	37 29	45 29	58 24	55 46	49 31	25 12	23 7	-2 -2	36 16	43 35	42 29	30 12	55 18	64 38	60 52	56 29	30 23	38 19	49 32	57 45	60 50	56 29	33 27	50 28	49 30	42 25	45.9 27.3
MURRAY	MAX MIN	58 34	59 35	56 32	50 21	50 30	42 30	56 22	63 29	59 39	45 24	36 16	27 10	28 7	40 27	54 39	49 33	38 16	40 21	63 35	62 56	59 31	37 26	40 20	46 32	57 43	59 45	56 30	42 25	58 36	59 33	55 26	49.5 29.1
OWENSBORO 2 W	MAX MIN	53 34	55 34	54 29	48 24	45 31	41 33	51 25	62 32	55 40	41 24	30 8	27 6	22 -7	35 21	38 33	39 31	31 14	39 20	58 34	60 53	58 31	34 24	38 21	43 31	55 41	55 51	53 26	38 27	54 30	49 35	48 25	45.5 27.8
PAOUCAH CAA AIRPORT	MAX MIN	56 35	54 39	44 25	50 23	45 30	40 24	50 24	62 30	56 27	30 23	29 10	18 3	29 3	36 29	39 34	36 23	25 14	42 19	60 39	66 32	33 29	40 20	42 30	58 20	57 41	37 53	37 25	41 22	56 30	47 24	51 24	44.0 26.3
PAOUCAH	MAX MIN	48 34	57 35	55 32	45 22	52 23	45 29	40 22	55 23	45 30	54 21	31 19	31 10	20 3	33 13	38 32	40 34	35 14	26 15	63 20	63 40	66 37	33 28	42 29	42 32	44 46	59 43	57 50	37 21	40 32	56 30	48 28	44.9 25.3
PIKEVILLE	MAX MIN	60 25	60 32	50 22	50 18	46 29	39 34	48 31	59 22	62 35	48 31	22 22	27 15	27 3	35 17	42 32	46 37	37 28	65 19	66 33	70 40	54 37	37 28	39 29	65 32	63 46	70 41	66 50	41 31	57 32	51 30	49 20	50.2 28.8
PRINCETON	MAX MIN	59 25	58 25	55 24	50 18	49 20	42 26	55 21	62 25	58 39	41 23	34 9	29 4	25 2	36 23	45 33	41 32	35 14	38 20	62 32	65 54	59 30	32 24	38 31	44 31	56 43	56 48	57 51	42 30	59 30	50 29	53 23	47.9 25.7
RICHMONO E STATE COL	MAX MIN	41 30	53 31	56 32	38 21	48 25	39 28	36 26	45 23	58 29	49 25	29 18	31 7	13 -5	31 3	40 30	46 34	27 18	55 21	62 48	62 37	37 25	29 20	42 26	48 40	56 46	60 46	57 37	34 27	52 33	49 20	43 20	43.8 25.8
RUSSELLVILLE	MAX MIN	55 33	59 35	53 29	49 23	48 31	39 27	52 22	61 30	56 38	40 25	33 17	28 8	27 1	40 25	54 38	52 30	32 16	43 20	63 33	61 55	58 33	33 24	35 19	43 32	55 42	58 50	58 29	35 25	55 31	46 28	49 22	47.4 28.1
ST JOHN BETHLEHEM ACAO	MAX MIN	43 28	55 29	56 28	41 20	47 26	40 26	38 20	49 25	60 32	51 22	30 14	34 9	18 2	33 7	40 33	44 28	33 13	27 15	51 20	60 38	58 31	34 21	29 16	37 22	46 34	55 46	58 30	32 24	35 24	50 25	48 20	43.0 23.4
SCOTTSVILLE	MAX MIN	55 33	59 35	56 31	52 27	47 33	37 29	50 22	61 34	58 50	51 27	33 18	28 8	31 2	42 24	55 38	55 32	33 19	57 22	62 42	62 55	57 35	35 26	34 20	46 30	54 46	58 49	57 34	38 24	55 31	47 35	49 22	48.8 29.9
SHELBYVILLE 2 W	MAX MIN	53 32	55 32	54 30	46 24	43 35	37 26	46 25	58 27	55 47	48 25	33 13	29 5	-4 -4	35 19	39 34	39 30	31 15	53 12	57 30	59 50	57 30	31 23	41 17	44 31	54 42	56 49	54 34	35 24	51 31	49 35	45 20	45.4 27.1
SOMERSET 1 N	MAX MIN	59 31	58 33	56 29	51 16	45 33	38 24	46 22	61 34	54 46	47 25	32 20	26 3	24 -7	38 17	49 37	30 21	60 17	63 47	61 50	56 32	33 20	38 20	51 28	54 40	60 43	58 48	58 27	34 26	53 24	48 25	48 19	47.4 27.1
SUMMER SHADE	MAX MIN	55 30	57 30	52 26	52 31	47 24	38 22	48 18	62 29	57 47	47 25	33 16	25 2	30 -4	41 16	53 36	52 29	32 16	56 19	62 33	59 53	55 31	34 23	34 18	48 26	53 43	58 48	58 27	35 23	54 28	46 20	49 20	47.8 26.3
VANCEBURG OAM 32	MAX MIN	53 31	60 25	54 33	44 31	40 31	35 30	45 29	52 22	59 39	52 25	40 18	28 7	-2 -2	38 18	38 32	37 31	34 18	55 13	60 28	62 40	58 29	31 22	40 16	53 29	55 42	58 45	60 29	38 28	49 27	49 30	40 20	46.4 26.3
WEST LIBERTY WATER WKS	MAX MIN	45 25	45 27											35 18	55 5	20 0	30 18	43 30	38 21	30 10	65 23	65 30	43 20	30 13	50 17	52 36	58 37	65 45	60 25	45 25	53 24	45.7 22.7	
WILLIAMSBURG	MAX MIN	56 26	57 19	53 36	53 16	48 30	39 29	49 21	59 21	60 43	50 30	32 24	28 12	30 3	40 22	47 38	50 34	39 24	62 40	65 35	63 49	56 39	40 26	40 16	55 34	56 35	63 43	61 35	38 27	54 29	52 28	49 18	49.8 27.8
WILLIAMSTOWN	MAX MIN	41 21	50 33	55 36	45 22	40 29	36 29	33 27	45 25	55 26	50 24	30 12	30 10	15 0	30 2	35 29	39 34	31 16	25 13	49 20	56 30	59 27	30 21	30 10	38 10	42 36	52 42	56 33	35 20	30 21	49 28	40 21	40.4 22.8
WOLF CREEK OAM	MAX MIN	46 21	57 23	59 21	47 20	52 19	44 26	39 20	48 20	62 25	55 33	33 24	33 14	20 3	38 7	46 34	51 40	44 26	32 22	61 22	63 50	64 44	47 29	35 23	36 26	52 28	56 44	61 51	53 27	35 28	51 29	57 23	47.6 26.5

# EVAPORATION AND WIND

Table 6

Station		Day of month																															Total ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOLF CREEK DAM	EVAP WIND	.03 48	* 10	.07 80	* 20	.10 23	.03 44	* 35	* 12	.10 46	.00 34	* 21	* 34	* 32	* 10	* 42	* 19	* 73	* 20	1.53 30	.06 87	.01 58	.02 61	* 7	* 0	.02 17	.02 24	.08 66	* 25	* 24	.21 65	- 16	B2.36 1083

# SNOWFALL AND SNOW ON GROUND

KENTUCKY  
JANUARY 1954

Table 7

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ASHLAND DAM 29	SNOWFALL SN ON GND										2.0 2	4.6 S	T 3	3	2	1							.3 T	T						T T	T	T
BEAVER DAM	SNOWFALL SN ON GND										2.5 3	2	1	1	1																	
BENHAM	SNOWFALL SN ON GND						T T	.S				5.0 2	3.0 3	2.0 1		T			T				T							T T	T	T
BOWLING GREEN CAA AP	SNOWFALL SN ON GND										3.0 1	3	2	1	1								T T	T							T T	
CORBIN CAA AP	SNOWFALL SN ON GND						T				2.0 2	T 2	2	2	.3 1								T T									
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV		T		.2	T T					.3 T	T T	T T	2.4 1	2 .3	T T	T T	T										T	T	.1 T		
DANVILLE	SNOWFALL SN ON GND							T			3.0 3	3.0 6	4	4	3	T 2									T T							
DEWEY DAM	SNOWFALL SN ON GND							T			T	5.0 5	.S 4	3	3	1.0 1							1.0 T	T								
FARMERS	SNOWFALL SN ON GND										4.5 4	3.5 7	6	6	7	T S	1	T	T				.2 T	T							T T	
FORDS FERRY DAM SO	SNOWFALL SN ON GND										5.7 6	S	4	4	3	2	1	T					T T								T T	
HEIDELBERG LOCK 14	SNOWFALL SN ON GND						T	T			T	7.0 7	6	5	S	.8 3	T	T	T					T T						T		
HINDMAN SETTLEMENT SCHOOL	SNOWFALL SN ON GND										3.5 4	-	.8 -																			
ROPKINSVILLE	SNOWFALL SN ON GND										2.1 2					T						T		T T								
IRVINGTON	SNOWFALL SN ON GND					T					4.5 4	2	2	2	T 1									T							T	
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV						T				4.4 3	.1 4	T 3	2	.3 2	.3 1	T	T	T					T	T				T			
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV			T		T					4.9 3	T 2	1	1	.4 1	T			T				T		T						T	
MAMMOTH CAVE PARK	SNOWFALL SN ON GND					T					5.0 5	4	4	4	T 2									T T							T	
MAYSVILLE DAM 33	SNOWFALL SN ON GND										1.5 2	1.5 3	2	2	.5 2	2	T															
MIDDLESBORO	SNOWFALL SN ON GND							T				T T	T T	T T	T T										T							
MURRAY	SNOWFALL SN ON GND										2.0 2	1	1	1	T									T T								
OWENSBORO 2 W	SNOWFALL SN ON GND										7.0 7	6	S	4	3	3	T	T	T	T											T T	
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND								T		2.5 3	3	2	2	T 2	T								T T							T	
PIKEVILLE	SNOWFALL SN ON GND						T					4.0 4	1.0 S	-	2															T		
ST JOHN BETHELEHEM ACAD	SNOWFALL SN ON GND					T					5.2 -	-	-	-	-								T								.S	
SCOTTSVILLE	SNOWFALL SN ON GND										2.0 2	2	1	1																		
WILLIAMSTOWN	SNOWFALL SN ON GND										2.4 2	2	2	2	2.2 4	2	T															
WOLF CREEK DAM	SNOWFALL SN ON GND											3.0 3			.1 T																T T	

See reference notes following Station Index.

# STATION INDEX

KENTUCKY  
JANUARY 1954

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables		
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 55	86 34	380			6A CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID	U.S. WEATHER BUREAU	2 3 5	7	C
ADOLPHUS 1 N	0043	ALLEN		36 39	86 16	600			7A JOELL M. DEARING			LIBERTY	4755	CASEY	3	37 21	84 55	—		7A PALLIA L. HANKLA	3		C
ALBANY	0063	CLINTON		26 42	85 07	950			7A MRS. BARBARA M. COOL			LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4	37 45	84 35	560		7A CORPS OF ENGINEERS	3		C
ALLEN	0093	FLOYD	1	37 35	82 43	650			6A MANNIE AUER			LOCKPORT LOCK 2	4857	HENRY	4	38 26	84 58	485		6A CORPS OF ENGINEERS	3		C
ANCHORAGE	0135	JEFFERSON	7	38 16	85 33	700	7P		C. E. BARRETT	2 3 5		LOGLOCK 1 5	4882	CLARK	4	37 51	84 02	—		MID MRS. H. BURGER			
ASHCAN	0246	PIKE	1	37 16	82 26	1100			8A MARY S. RATLIFF			LONDON 3 SW	4893	LAUREL	2	37 06	84 08	—		MID U.S. FOREST SERVICE			C
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	534	6P		7A CORPS OF ENGINEERS	2 3 5	7	LOUISA	4943	LAWRENCE	1	38 07	82 37	584		6A JULIUS M. RANKIN			C
BARBOURVILLE	0301	KNOX	2	36 56	83 33	1000	6P		6P UNION COLLEGE	2 3 5	C	LOUISA 2	4946	LAWRENCE	1	38 07	82 37	600		7A EDIE L. YOUNG			C
BARSTOWN 5 J. PREP SCH	0397	NELSON	6	37 40	85 28	637	6P		6P ST. JOSEPH PREP SCH	2 3 5		LOUISVILLE BOMMAN FLO	4951	JEFFERSON	7	38 13	85 40	558		MID CORPS OF ENGINEERS	2 3 3	7	C
BAXTER	0400	HARLAN	2	36 51	83 20	1164	7A		C. H. HOMER NOLAN	2 3 5	C	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	85 47	474	NID	MID U.S. WEATHER BUREAU	2 3 3	7	C
BEAVER DAM	0490	OWIO	3	37 25	86 52	441	6P		6P E. G. YOUNG	2 3 3	7	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	85 48	403		6A CORPS OF ENGINEERS	3		C
BENHAM	0593	HARLAN	2	36 38	82 57	1540	8A		C. C. WHITEAKER	2 3 3	7	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 13	85 43	437	MID	MID U.S. WEATHER BUREAU	2 3 3	C	
BENTON	0611	MARSHALL	9	36 51	88 70	—			MID JAMES W. MILLER			LOVETT CEVILLE	4967	BALLARD	6	36 36	88 50	370	6P	6P BLAINE MALONE			C
BEREA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P		6P JAMES A. GROSSMAN	2 3 3	C	LUCAS	3002	BARREN	3	36 33	86 02	—		MID WILLARD E. FOSTER			C
BEREA WATER WORKS	0624	MADISON	4	37 34	84 16	1100			7A MRS. L. B. GIFFORD			MADISONVILLE 1 SE	3067	HOPKINS	3	37 19	87 29	435	3P	7A HOMER WELBORN, JR.			C
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536			7A JAMES R. EDWARDS	2 3 3	7	MAMMOTH CAVE PARK	3097	EDMONSON	3	37 11	86 06	800	3P	3P NATIONAL PARK SVC	2 3 3	7	C
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470			7A TVA-639	2 3 3	7	MANCHESTER & SE	3111	CLAY	4	37 06	83 43	830	6P	7A NORMA S. WHITE			C
BOWLING GREEN WTR WKS	0914	WARREN	3	36 58	86 26	335	MID		MID CIVIL AERO. ADM.	2 3 5	7	MAYFIELD SUBSTATION	3230	GRAVES	6	36 44	88 39	364		7A TVA-5-A			C
BRENT DAM 36	0918	CAMPBELL	3	37 00	86 26	305	NID		CITY BOWLING GREEN	3	C	MAYFIELD 2 S	3232	GRAVES	6	36 42	88 38	364	3P	3P MRS. JOE PAYNE			C
BROWNVILLE LOCK 6	1046	EDMONSON	3	37 12	86 16	410			7A CORPS OF ENGINEERS	3		MAYFIELD DAM 55	5243	MASON	7	38 58	88 42	324	6A	6A CORPS OF ENGINEERS	2 3 5	7	C
BURDINE 2 NE	1127	PIKE	1	37 13	82 35	1638			7A STINSON SKAGGS	3		NC KEE	3291	JACKSON	2	37 26	84 00	1000		7A MRS. WINNIE E. MORAN			C
BURGIN DIX DAM	1127	NERCER	4	37 40	84 33	720	4P		6A EDWIN E. JOHNSON	CLOSED 11/33		NC KINNEYSBURG	3301	PENDLETON	3	38 36	84 16	—		MID EDWARD C. GIFFORD			C
BURKESVILLE	1137	CUMBERLAND	2	36 47	85 22	620			6A C. W. WILLIAMS			NIDDLESBORO	3369	BELL	2	36 37	83 43	1130	3P	7A LON L. HERRELL	2 3 3	7	C
CADIZ LOCK E	1206	TRIGG	2	36 48	87 30	424			7A MARVIN M. LEE	3		NIDDLESBORO RR STA	3394	BELL	2	36 37	83 43	1130		8A CITY OF MIDWAY			C
CAMPBELLVILLE	1236	TAYLOR	3	37 20	89 21	777	6P		6P ALVA MC KINLEY	2 3 3	C	MIDWAY	5407	WOODFORD	4	38 09	84 41	—					
CARROLLTON LOCK 1	1242	CARROLL	1	37 08	85 18	729	6P		7A MRS. MAZEL B. PICKETT	2 3 3	C	HILLERSBURG	5430	BOURBON	5	38 18	84 09	—		MID DAVID C. BAILEY			C
CENTRAL CITY	1303	MULLENBERG	3	37 17	87 07	—			MID JAMES F. PRICE	2 3 3	C	HILLERSBURG	5438	GRAYSON	3	37 27	83 08	560		7A MRS. O. M. LANIER			C
CLEMONT 1 5SE	1611	BULLITT	3	37 33	85 40	474	5P		3P BERNHEIM FOUNDATION	2 3 3	C	MONTICELLO	3524	WAYNE	2	36 30	84 51	910		7A E. D. COOPER			C
CLINTON	1631	HICKMAN	6	36 41	89 00	370			MID WOODSON D. FRANKLIN	3	C	MOREHEAD STATE COLLEGE	5335	ROMAN	3	38 11	83 26	770		MID H. C. HOGAN			C
COLUMBIA	1704	ESTILL	4	37 47	84 06	611			7A CORPS OF ENGINEERS	3		MOUNT STERLING	5640	MONTGOMERY	3	38 04	83 36	930	5P	3P FRED CARTWRIGHT	2 3 3	C	
CORBIN CAA AIRPORT	1801	WHITLEY	2	36 58	84 08	1173	MID		7A MRS. MAZEL B. PICKETT	2 3 5	7	MUNFORDVILLE	5644	HART	3	37 16	85 53	600		7A HUBERT E. HODGES			C
COVINGTON WB AIRPORT	1835	BOONE	7	37 04	84 40	869	MID		MID CIVIL AERO. ADM.	2 3 5	7	MURRAY	5694	CALWAY	2	38 36	88 20	600	6P	6P MURRAY WATER SYSTEM	2 3 3	7	C
CUMBERLAND FALLS ST PK	1969	WHITLEY	2	36 30	84 18	—			MID U.S. WEATHER BUREAU	2 3 3	7	OLIVE HILL 1 NW	6012	CARTER	7	38 18	83 11	732		MID LOTA ORA HOOPER			C
CYNTHIANA	1980	HARRISON	3	38 23	84 18	684			3P DEPT. OF CONS.			OLNEY	6020	HOPKINS	7	37 14	87 47	380		8A ART D. WILLIAMS			C
CYNTHIANA 2 SW	2003	HARRISON	3	38 23	84 18	684			7A MARSHALL HILL	3		ONEONTA DAM 33	6091	DAVIESS	7	37 16	87 09	420	6P	7A VIRGIL O. CLARK	2 3 3	7	C
DANVILLE	2040	BOYLE	4	37 39	84 46	953	3P		3P ECKLAR-MOORE EXP CO	2 3 3	C	OWENSBORO 2 W	6096	DAVIESS	7	37 47	87 08	404		7A CORPS OF ENGINEERS	3		C
DAVELLA	2053	MARTIN	1	37 02	82 32	—			7A R. P. COLEDRON	2 3 5	7	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 48	398	NID	MID CIVIL AERO. ADM.	2 3 3	7	C
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1780			MID BERTHA DE LONG	3	C	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 48	398	NID	MID CIVIL AERO. ADM.	2 3 3	7	C
DEMA	2139	KNOTT	1	37 23	82 48	890	3P		3P DEPT. OF CONS.			PADUCAH ARMORY	6117	MC CRACKEN	7	37 03	88 39	344		MID CITY OF PADUCAH			C
DEMAY DAM	2180	FLOYD	1	37 43	82 47	653	7A		3P HATTIE B. BARNEY	2 3 3	6	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620		7A JESSE FAIRCHILD			C
DIX DAM	2214	MERCER	4	37 46	84 43	917	4P		7A CORPS OF ENGINEERS	2 3 3	6	PIKEVILLE	6353	PIKE	1	37 29	82 31	686	3P	8P U.S. WEATHER BUREAU	2 3 3	7	C
DUNDEE BARRETTIS FORD BR	2463	WHITLEY	2	36 30	84 18	—			7A C. W. WILLIAMS	2 3 3	6	PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
DUNNOR	2366	MULLENBERG	3	37 05	87 00	610			7A N. D. GIVENS	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
DUNNVILLE	2374	CASEY	3	37 13	84 58	—			8A LINDIE D. TARTER			PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
DYER	2391	BRECKENRIDGE	—	37 43	86 13	—			MID LENA BLAIR			PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
EDDYVILLE LOCK F	2445	LYON	4	37 05	88 09	420	7A		7A CORPS OF ENGINEERS	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
EDMONTON	2463	METCALFE	3	37 03	83 37	—			7A JOHN E. MORAN	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
ELKHORN CITY	2328	PIKE	1	37 18	82 21	800			6A MRS. KELSIE SCAMMELL	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FALMOUTH	2775	PENDLETON	5	38 40	84 20	560			7A FRANK H. LAWSON	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FARMERS	2791	ROMAN	5	38 09	83 33	668	6P		7A MRS. C. C. STAMPER	2 3 3	7	PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FLEMINGSBURG	2903	FLEMING	3	38 23	83 43	730			7A MRS. JEAN FLEMING	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FLEMINGSBURG P. O.	2906	FLEMING	3	38 23	83 43	730			MID MAURICE B. CARPENTER	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FORD LOCK 10	2953	MADISON	4	37 33	84 18	593			6A CORPS OF ENGINEERS	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FORDS FERRY DAM 30	2961	CRITTENDEN	7	37 28	88 06	396	6P		6A CORPS OF ENGINEERS	2 3 3	7	PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FRANKFORT LOCK 3	3028	FRANKLIN	4	38 13	84 52	504	6A		6A CORPS OF ENGINEERS	2 3 3	C	PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FRANKLIN WATER WORKS	3036	SIMPSON	3	36 36	86 54	—			7A NORMAN O. HENRY	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FREEDMAN	3048	PIKE	1	37 34	82 00	727			6A CORPS OF ENGINEERS	2 3 3	C	PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
FRENCHBURG	3052	METCALFE	5	37 57	83 39	930			7A FRENCHBURG SCHOOL	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
GEORGETOWN WATER WORKS	3134	SCOTT	4	38 12	84 33	880			8A JOE W. ATKINS	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
GEST LOCK 3	3203	HENRY	4	38 23	84 55	490			7A CORPS OF ENGINEERS	3	C	PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
GLASCO	3241	BARREN	3	37 00	83 33	700			7A EMILY M. BEAN	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
GLASCO WAY	3246	BARREN	3	37 00	83 33	—	6P		6P RADIO STATION WAY	2 3 3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
GLENDALE	3252	HARDIN	3	37 36	85 55	700			7A DAVID W. BELL	3		PIKEVILLE	6354	BELL	2	36 43	83 42	999	7A	F. F. PARTIN			C
GOLDEN POND 8 N	3295	TRIGG	2	36 54																			



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 6 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

\* And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

© Data in the column formerly headed No. of Days .D1 or more have been changed to No. of Days .1D or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

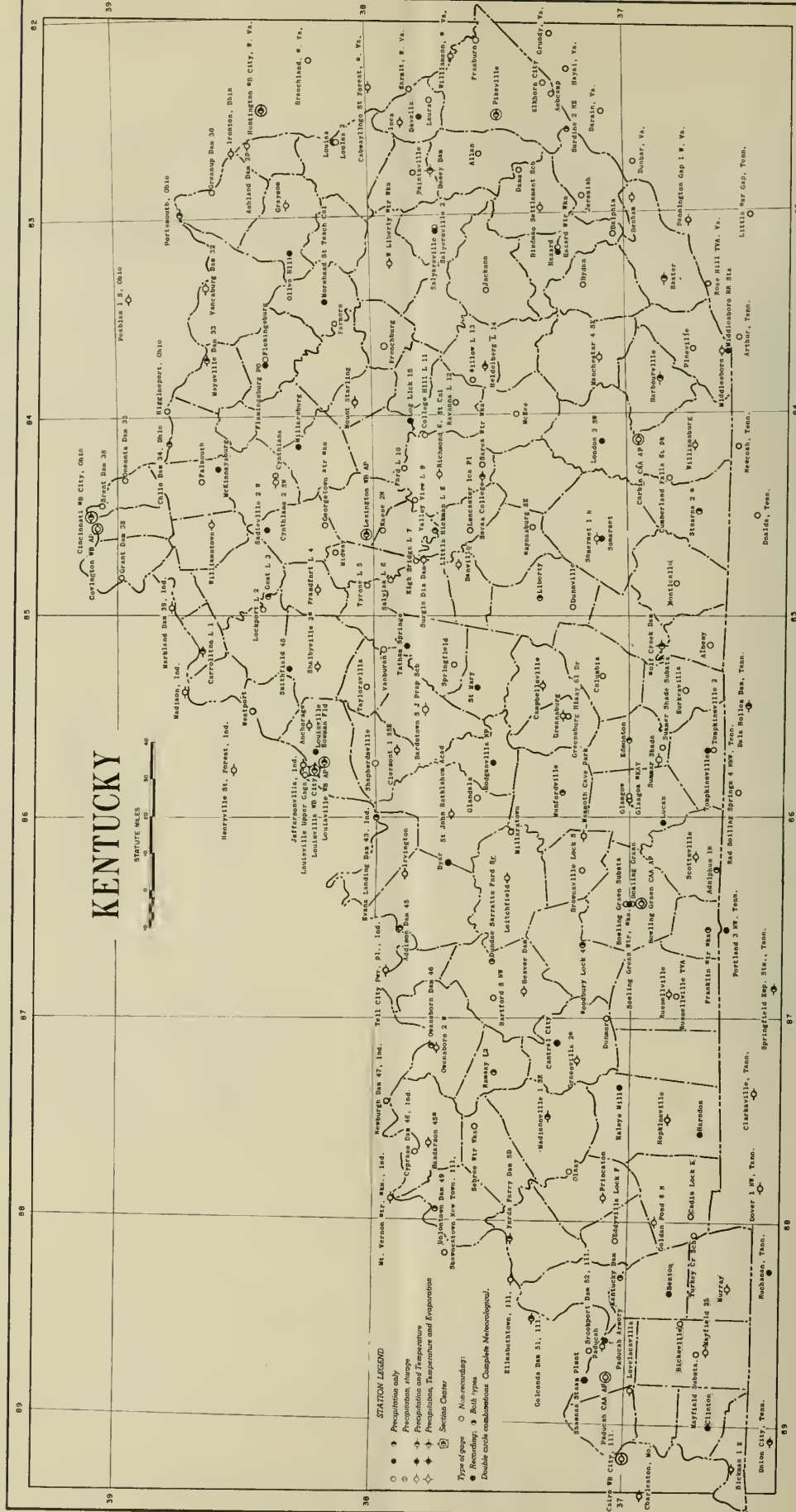
R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

W.R.P.C., Chattanooga, Tenn. --3/5/54 --- 800



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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Nat. Hist.

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief



# CLIMATOLOGICAL DATA

## KENTUCKY

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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Weather conditions for the State as a whole during the month were unusually warm and dry. With the exception of two or three days, daily average temperatures were all above normal. The average for the State was the sixth highest for February since the beginning of records (1889) and the highest since 1938. Temperature departures at all locations ranged from 5° to 10° above the individual station normals. Rainfall of measurable amounts was rather infrequent with the average precipitation for the State much below the normal. Practically all stations showed a minus departure in precipitation. Snowfall was rare and of no consequence with the average amount being only about 1/7 of the normal for the month. There were several windstorms during the month but property and crop damage was relatively minor. The mild weather was quite favorable for farm activities especially outdoor work.

The month opened rather warm and continued that way to the end with only the two periods 7th-8th and 12th-13th showing readings below normal. The warmest period of the month was the third week, and daily departures during part of this week ranged as high as 30° above normal, with the State average for the total week 15° above normal. Highest temperatures for the month at all stations were in the 70's and were generally reported either on the 15th, 16th, or 27th. The coldest period occurred during the second week but even this week showed an average very near normal. Lowest monthly temperatures ranged from 9° to 20° at the various locations and were generally reported on the 7th, 8th, or 12th. The mean temperature for the State was 44.7° which is 7.2° above normal. The monthly mean temperature ranged from 48.5° at Murray to 40.5° at Benham. The highest temperature for the month was 79° at Madisonville 1 SE on the 27th; the lowest was 9° at Clermont 1 SSE on the 12th.

Precipitation returned to the trend

of below normal amounts of the last half of the preceding year which was interrupted by the above normal total in January. Rainfall was below normal at practically all stations. Precipitation was infrequent during the month with measurable amounts occurring on an average of only 9 days. The pattern of rainfall generally followed a progression from northeast to southwest with the smaller amounts in the northeast. Total amounts were generally under 1 inch in the extreme northeast section, 1 to 2 inches in the southeast and northcentral, 2 to 3 inches in the southcentral and northwest sections and 3 to 4 inches in the southwest section. There were only three periods during the month when precipitation was statewide and more than light in many areas and these were 16th-17th, 19th-20th, and 27th-28th. Light amounts of snow were reported mainly during the middle of the first week and on the last day of the month. The average precipitation for the State was 2.23 inches which is 1.24 inches below normal. The total amounts recorded at the various locations ranged from 4.13 inches at Bowling Green CAA Airport to 0.24 inch at Greenup Dam 30. The greatest precipitation reported in any one day was 2.54 inches at Corbin CAA Airport on the 28th. The monthly average of snowfall was 0.5 inch which is 2.9 inches below normal. The greatest monthly amount of snowfall was 13.0 inches at Corbin CAA Airport. The greatest depth on the ground was 5 inches at Hyden on the 28th.

The weather conditions were generally favorable for crops and farm activities. The mild temperatures and dry days permitted considerable outdoor activity. Much plowing, some fertilizing, seeding tobacco plant beds, and seeding oats and grasses were accomplished. By the end of the month there was some improvement in grains and grasses but these were still only in fair condition. The topsoil was moist to wet but the subsoil continued dry. Stock feeding remained heavy. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
FEBRUARY 1954

Station	Wind direction		Wind speed m p h				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSW	14	15.7	-	-	-	70	77	50	60	6	2	3	0	1	0	12	-	6.1
LOUISVILLE WB AP	NW	13	10.9	57	SW	25	71	77	53	57	5	3	3	2	0	0	13	56	6.1

# COMPARATIVE DATA

Table 1

FEBRUARY

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1889	34.1	74	3	1.91	-	1914	32.2	69	- 2	4.14	7.2	1939	40.3	79	- 5	8.03	4.0
1890	45.6	86	16	7.98	-	1915	41.9	75	13	1.74	0.2	1940	36.1	68	2	4.56	5.6
1891	42.2	76	0	4.72	-	1916	35.0	72	- 4	2.99	5.0	1941	33.1	68	3	0.66	2.1
1892	42.2	70	11	2.92	-	1917	34.8	80	- 9	3.51	4.7	1942	34.1	67	2	2.62	3.2
1893	37.7	70	3	4.40	-	1918	39.3	83	- 8	2.04	0.6	1943	40.1	73	- 5	1.81	1.3
1894	34.6	74	2	4.66	-	1919	38.6	69	12	1.79	1.1	1944	42.4	78	- 2	4.59	2.7
1895	25.9	80	-18	0.66	-	1920	35.7	71	0	2.27	3.8	1945	38.9	78	- 9	6.37	1.6
1896	37.4	81	-12	3.06	-	1921	41.3	77	11	3.20	8.9	1946	40.8	75	- 3	5.23	2.6
1897	39.8	76	8	5.75	1.2	1922	41.3	76	4	3.58	0.8	1947	28.9	66	- 3	0.54	5.0
1898	37.4	77	- 3	1.61	2.6	1923	34.6	74	- 4	4.67	1.6	1948	38.8	79	- 5	5.01	9.5
1899	26.2	71	-33	3.97	10.8	1924	36.0	71	9	2.56	1.9	1949	43.0	79	0	5.35	0.1
1900	32.5	76	- 9	4.68	7.0	1925	44.0	76	8	3.91	0.6	1950	40.0	79	- 1	5.30	0.3
1901	32.4	71	1	1.27	2.1	1926	41.1	70	4	3.14	1.4	1951	38.3	76	-32	4.53	5.5
1902	27.9	69	- 3	1.30	2.8	1927	45.6	81	15	2.65	4.2	1952	41.4	74	10	2.64	0.9
1903	37.5	75	-16	7.28	6.1	1928	38.1	72	5	2.48	1.0	1953	41.4	69	11	2.09	0.4
1904	35.2	75	- 2	2.32	2.6	1929	31.2	68	-14	3.58	12.6	1954	44.7	79	9	2.23	0.5
1905	27.9	67	-16	2.44	3.9	1930	45.1	80	2	3.49	0.5						
1906	34.7	75	-12	1.81	5.9	1931	41.6	76	12	3.20	0.3						
1907	35.7	73	-10	3.06	7.6	1932	46.7	82	15	3.36	T						
1908	35.6	70	2	5.56	3.1	1933	37.5	75	- 9	4.25	4.4						
1909	42.4	75	- 8	8.17	1.0	1934	31.8	72	-19	2.20	8.0						
1910	32.9	66	-12	4.70	11.9	1935	40.1	73	5	2.35	0.6						
1911	42.0	80	11	3.25	0.4	1936	32.1	79	-14	1.95	5.5						
1912	29.7	68	-14	3.08	3.3	1937	38.3	78	11	2.40	4.2						
1913	34.8	77	- 2	2.94	1.4	1938	47.6	77	8	2.37	0.6						

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
FEBRUARY 1954

TABLE 2

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										80° or Above	32° or Below	31° or Below	0° or Below					Total	Max. Depth on Ground	Date	.18 or More <sup>o</sup>	.50 or More	1.00 or More
WESTERN DIVISION																							
BEAVER DAM	59.5	33.0	46.3	8.4	73	15+	17	12	519	0	0	14	0	3.18	-.26	1.28	16	.0	0		3	3	2
FORDS FERRY DAM 5D	58.1	35.7	46.9		74	15+	19	12	506	0	0	12	0	2.62	-.50	.95	16	T	T	8	6	2	0
GOLDEN PDND 8 N	61.1	32.8	47.0		76	25	15	8	499	0	0	16	0	3.10		1.74	16	.0	0		3	2	1
GREENVILLE 2 W	59.6M	33.4M	46.5M	7.2	74	27	17	8+	513	0	0	14	0	3.50	.13	1.38	16	.0	0		3	3	2
HENDERSON 4 SW	58.1	35.2	46.7	10.3	72	14+	18	12	509	0	0	12	0	2.47	-.47	1.18	16	T	0		4	2	1
HICKMAN 1 E	59.	30.2	44.8		74	16+	17	8		0	0	17	0	3.35		1.82	16	T	0		4	2	1
HOPKINSVILLE	56.7	31.8	44.3	5.0	77	28	18	12		0	0	16	0	3.61	-.05	.98	28	.0	0		5	4	0
LOVELACEVILLE	60.8	33.5	47.2	7.2	73	15	17	8	497	0	0	14	0	2.90	-1.00	1.48	16	T	0		3	2	2
MADISONVILLE 1 SE	60.2	33.8	47.0		79	27	18	12	502	0	0	15	0	2.80		.88	28	T	0		5	2	0
MAYFIELD 2 S	59.7	35.3	47.5	7.4	73	27	19	12	486	0	0	8	0	3.19	-.16	1.92	16	.0	0		4	3	1
MURRAY	61.9	35.1	48.5	7.6	75	25+	20	8+	459	0	0	13	0	3.46	-.53	1.98	16	T	0		4	3	1
DWENSBORD 2 W	57.7	35.3	46.5	10.1	72	15	20	12	511	0	0	10	0	2.86	.01	.90	28	T	T	6	6	2	0
PADUCAH CAA AIRPORT	57.4	34.4	45.9		73	15	20	12	532	0	0	13	0	2.77		1.35	16	T	0		4	2	1
PADUCAH	57.9	32.5	45.2	5.7	74	26	20	8+		0	0	13	0			1.22	16	T	0		2	1	
PRINCETON	60.6	30.9	45.8	7.0	74	27	14	12	546	0	0	17	0	3.48	.13	1.50	16	.0	0		5	3	1
RUSSELLVILLE	59.0	32.9	46.0	7.8	75	25+	17	12	526	0	0	16	0	3.19	-.27	1.08	28	.0	0		4	4	1
DIVISION																							
CENTRAL DIVISION																							
ANCHORAGE	56.6	31.6	44.1	9.3	72	15	12	12	581	0	0	16	0	1.62	-1.20	.99	28	T	0		2	2	0
BARDSTOWN S J PREP SCH	59.5	32.3	45.9		74	15	14	12	532	0	0	17	0	1.78		.83	28	.0	0		5	1	0
BOWLING GREEN CAA AP	57.0	32.0	44.5	5.9	72	27	19	12	567	0	0	16	0	4.13	.14	1.25	20	T	0		7	3	2
CAMPBELLSVILLE	58.9	33.2	46.1		75	15	16	12	525	0	0	15	0	1.75		.94	28	.1	T	28	2	2	0
CARROLLTON LOCK 1	57.4	32.5	45.0		72	15	16	12	555	0	0	15	0	1.51	-1.15	.67	28	.0	0		3	2	0
CLERMONT 1 SSE	59.6	29.7	44.7		74	15	9	12	566	0	0	18	0	1.94		.94	28	.0	0		4	2	0
COVINGTON W 8 AIRPORT	51.4	31.6	41.5	7.6	70	15	15	7	652	0	0	15	0	1.84	-.71	.92	28	2.0	1	4	3	2	0
DANVILLE	54.7	32.0	43.4	7.2	74	16+	15	12+		0	0	13	0	1.25	-2.41	.74	28	.0	0		3	1	0
OIX DAM	57.0	33.4	45.2		75	15	15	12	546	0	0	10	0	.99		.70	28	.0	0		3	1	0
FRANKFORT LOCK 4	55.3	29.4	42.4	5.6	75	16	14	13		0	0	20	0	1.25	-2.12	.78	28	.0	0		3	1	0
GLASGOW WKAY	58.6	34.3	46.5		72	15	17	12	516	0	0	13	0	3.51		1.53	28	T	0		4	2	2
GREENSBURG	57.2	29.8	43.5	6.4	76	16	17	8		0	0	22	0	1.95	-1.66	.83	28	.0	0		4	2	0
IRVINGTON	58.0	33.8	45.9	9.0	72	10+	14	12	528	0	0	14	0	2.37	-.69	1.01	28	.0	0		4	2	1
LEITCHFIELD	57.8	34.5	46.2	9.4	70	15	17	12	522	0	0	9	0	2.55	-.96	.95	28	.0	0		6	1	0
LEXINGTON WB AIRPORT	54.0	31.7	42.9	8.4	74	15	15	12	613	0	0	15	0	1.68	-1.82	1.03	28	1.7	T	4+	4	1	1
LOUISVILLE WB AP	54.8	34.4	44.6	7.4	71	15	19	12	567	0	0	11	0	2.02	-.97	.74	16	T	0		5	2	0
LOUISVILLE WB CITY	54.1	36.4	45.3	7.5	70	15	20	12	548	0	0	6	0	1.88	-1.11	.82	27	T	0		4	2	0
MAMMOTH CAVE PARK	59.9	33.2	46.6	9.6	72	15+	13	12	513	0	0	15	0	3.16	-.96	1.29	28	.3	0		4	3	1
ST JOHN BETHLEHEM ACAD	54.6	28.7	41.7	5.9	72	16	13	12		0	0	21	0	2.59	-.99	1.30	28	.0	0		4	2	1
SCOTTSDALE	60.1	35.3	47.7		74	15+	18	12	480	0	0	10	0	3.81		1.33	28	T	0		4	3	2
SHELBYVILLE 2 W	56.9	32.6	44.8	9.6	72	15	15	12	560	0	0	15	0	1.73	-1.89	.86	28	T	0		5	1	0
SOMERSET 1 N	58.0	30.7	44.4		73	15	15	8+	572	0	0	18	0	2.15		1.06	28	T	0		4	1	1
SUMMER SHADE	57.6	31.5	44.6		75	15	15	8	564	0	0	16	0					.0	0				
WILLIAMSTOWN	51.9	30.0	41.0	6.6	77	16	11	7		0	2	19	0	.99	-1.91	.60	28	T	0		4	1	0
WOLF CREEK DAM	57.8	29.5	43.7		74	16	15	13		0	0	22	0	2.40		1.02	28	.0	0		4	2	2
DIVISION																							
EASTERN DIVISION																							
ASHLAND DAM 29	55.3M	31.9M	43.6M	6.6	78	15	18	7	594	0	0	16	0	.61	-2.69	.20	24	1.0	T	4+	2	0	0
BARDURVILLE	59.6	31.1	45.4		73	28	12	8	544	0	0	16	0	3.19		1.50	28	.0	0		5	2	1
BAXTER	54.0	28.6	41.3		73	16	15	8		0	0	21	0	1.29		.50	17	T	0		4	1	0
BENHAM	53.1	27.8	40.5		74	16	14	8		0	0	23	0	1.52		.43	17	1.5	1	4	4	0	0
BEREA COLLEGE	56.0	32.8	44.4	6.5	75	15	14	12	570	0	0	14	0	1.84	-1.41	1.32	28	.3	T	28	3	1	1
CDRBN CAA AIRPORT	56.4	29.7	43.1		74	15	12	8	607	0	0	19	0	4.09		2.54	28	13.0	0		5	2	1
CYNTHIANA 2																		.0	0				
DEWEY DAM	56.4	30.0	43.2		75	16	14	8		0	0	20	0	1.02		.59	3	2.0	T	5	3	1	0
FARMERS	59.7	30.6	45.2	8.4	76	15	13	7+	551	0	0	16	0	1.59	-1.50	.92	28	.2	T	4+	4	1	0
GRAYSON	56.9	30.6	43.8		77	15	14	8	588	0	1	18	0	.75		.28	28	1.0	1	4	3	0	0
HEIDELBERG LOCK 14	60.6	28.9	44.8	7.1	75	15	12	8	561	0	0	17	0	2.02	-1.66	.93	28	T	T	4	4	2	0
HINOMAN SETTLEMENT SCH	56.1M	25.1M	40.6M		74	16+				0	0	25	0	.88		.45	28	.0	0		3	0	0
INEZ	59.2	29.8	44.5		76	15	12	8	567	0	0	16	0	1.27		.47	3	1.5	T	3	3	0	0
MANCHESTER 4 SE	59.5	30.3	44.9		74	15	12	8	554	0	0	18	0	2.26		1.07	28	T	0		3	2	1
MAYSVILLE DAM 33	52.6	29.4	41.0	6.4	76	16	14	7+		0	1	21	0	1.18	-2.00	.48	28	T	T	4+	5	0	0
MIDDLESBORD	59.8	32.2	46.0	6.2	74	10	13	8	526	0	0	13	0	2.09	-2.11	.64	17	T	T	4	5	2	0
MOUNT STERLING	56.5	31.9	44.2	9.6	75	15	14	12	577	0	0	15	0	2.88	-.74	2.20	28	T	0		3	1	1
PIKEVILLE	59.8	33.8	46.8	8.3	77	27	16	8	502	0	0	13	0	1.33	-2.06	.46	28	.0	0		5	0	0
RICHMOND	54.8	32.2	43.5	6.5	74	16	17	12		0	0	16	0	1.44	-1.90	.95	28	T	0		3	1	0
VANCEBURG DAM 32	56.3	30.3	43.3		78	15	11	13	606	0	1	18	0	.99	-2.39	.27	28	.0	0		3	0	0
WEST LIBERTY WATER WKS	57.5	25.9	41.7		75	16	15	12		0	0	24	0	2.06		.75	28	.5	0		5	2	0
WILLIAMSBURG	60.1	31.5	45.8	6.5	74	15	15	8	531	0	0	19	0	3.02	-.86	1.40	28	4.0	4	28	4	3	1
DIVISION																							
STATE																							



# DAILY PRECIPITATION

KENTUCKY  
FEBRUARY 1954

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON DAM 45	3.32			T	.36												.45	.67		.47					.25					1.12		
ADDIPLUS 1 N	3.43			T	.28													.120		1.10					.06		T			.79		
ALBANY	3.60				.33													1.21			.17				.14					1.75		
ALLEN	1.12				.46	.21	.06											.11		.05					.13					.10		
ANCHORAGE	1.62		T	T	T	T											.54	.09		T				T			T			.99		
ASHCAMP	1.08				.10	.12												.25			.25				.11					.25		
ASHLAND DAM 29	.61			.07	.01	.10	.02											.06		.04	.08				.20	.03	T			T		
BARBOURVILLE	3.19				.18													.90		.13					.48					1.50		
BARSTOWN S J PREP SCH	1.78			.03													.29	.22		.28					.03					.83		
BAXTER	1.29		.02	.02	.05													.50			.10				.15	.05				.40		
BEAVER DAM	3.18			.04													1.28	.43	T	.56				.07						1.23		
BENHAM	1.52		.03	.04	.04	.03						T	T				.22	.06		.05	.40				.21					.34		
BEREA COLLEGE	1.04				.19													.36	T		.01				.01					1.04		
BEREA WATER WORKS	1.66			.24													.05	1.30		.66	.08				.07					1.14		
BOWLING GREEN	3.42			.04	.08								T																			
BOWLING GREEN SUBSTA	3.44			.03	.15												1.20			.46	.27				.08					1.25		
BOWLING GREEN CAA AP	.413		T	.15			T								T	T	1.10			.21	1.25			.12				.85	.45			
BRENT DAM 36	1.53			.02	.05	.03	.05											.33		.11	.43								.46			
BROWNVILLE LOCK 6	3.14			.08	.14												.40	.67		.73	.02				.08			.05		1.02		
BURDINE 2 NE	1.12			T	.20													.39			.25									.28		
BURKESVILLE	2.80			.02	.31												1.25	T	T	.12	.02				.06					1.02		
CAJIZ LOCK E	3.48																1.36	.66		.54	.25				.25							
CAMPBELLVILLE	1.75			.09													.60	.02		.07	.03				.03					.67		
CARROLLTON LOCK 1	1.51			.04														.60		.15					.05					.94		
CLERMONT 1 SSE	1.94			.05		T									T		.51	.10		.31				T	.03		T	T		.94		
COLLEGE HILL LOCK 11	1.50			.22														.23		.03	.03									.09		
COLUMBIA	2.10																	.75		.10										1.25		
CORBIN CAA AIRPORT	4.09	T	T	.13	T	.01							T	T			.63	.02		T	.04			.33	.38	T	.01			2.54		
COVINGTON W B AIRPORT	1.84		T		.03	.03	T						T	T			.52	T		.28				.02		T	.02	.02		.92		
CUMBERLAND FALLS ST PK	2.96			.31													.82				.45				.48					.90		
CYNTHIANA	1.22			.07	T	T	T											.06		.08	.13							.03	.85			
CYNTHIANA 2	-			-	-												T	.34		.04	T								.74			
DANVILLE	1.25			.13													.25	.35												1.17		
DELPHIA 1 E	2.03			.17	.05	.04											.10	.14							.15					.70		
DEMA	1.51			.27	.15																											
DEWEY DAM	1.02			.59		.22	.03											.05		.02	T				.11	T	T					
DIX DAM	.99			.10														.16		.03										.70		
DUNDEE BARRETT'S FORO BR	3.92			.08	.10												.72	.75		.70					.22					1.35		
DUNMOR	2.28				.03												.44	.64		.12					.30	T				1.05		
DUNNVILLE	2.03																	.65												1.08		
EDDYVILLE LOCK F	2.84			.03													.99	.30		.52				T	.25					.75		
EDMONTON	2.38			.05	T	.25												.95		.18					.95					.85		
ELKHORN CITY	.91			T		.22	T											.21	T		.39				.10	T				.06		
FALMOUTH	1.50			.05	.02	.04	.03	T										.12		.09	.32						.09	T		.74		
FARMERS	1.59			.11	.01	.06	.02	T										.11		.05	.25				.06					.92		
FLEMINGSBURG	1.50			.03	.07	.05	.03	.06										.06		.27	.23						.01			.69		
FORD LOCK 10	1.18			.14														.17	T		.01									.86		
FORDS FERRY DAM 50	2.62			.04	.03												.95	.29		.68	.13				.11					.39		
FRANKFORT LOCK 4	1.25			.07														.22		.12	.05							.01		.78		
FRANKLIN WATER WORKS	3.58			T														1.45		.87										1.26		
FREEBURN																																
FRENCHBURG	2.23				.01	.06	.02										T	.32	T		.02	.13				.01				1.11		
GEORGETOWN WATER WORKS	1.29			.12														.19		.06	.05		T				.01			.86		
GEST LOCK 3	1.39			.08														.25		.13	.08									.85		
GLASGOW	2.74			.15	.12													.95		.32										1.20		
GLASGOW WKAY	3.51			.48														1.03		.36				.05	.06					1.53		
GLENDALE	1.99			.07														.12	.48		.35	.05			.03					.89		
GOLDEN POND 8 N	3.10																	1.74		.05										.95		
GRANT DAM 38	1.61			.05	.01	T	.02											.03	.62		.04	.21			.03			T		.60		
GRAYSON	.75			.14	.04	.16	.02																									

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
FEBRUARY 1954

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RUSSELLVILLE	3.19																.52	.93		.61				.05						1.08		
RUSSELLVILLE SUBSTA	3.17			T	.10		T		T								.75	.78		.59			.05							.90		
ST JOHN BETHLEHEM ACO	2.59			.08													.24	.50		.42	.05		T							1.30		
SALVISA LOCK 6	1.24			.16			T	T	T								.21	.07	.03				T				.01			.76		
SALYERSVILLE 2	1.90			.56	.04	.09	.02											.32		.06	.04			.25						.52		
SCOTTSVILLE	3.81			.28													1.23		.88				.09							1.33		
SEBREE WATER WORKS	3.19																*	1.21		.61			T	.20						1.17		
SHAWNEE STEAM PLANT	2.63																1.27	.20		.95			.10							.11		
SHELBYVILLE 2 W	1.73			.02													.10	.33		.25	.16		.01			T				.86		
SHEPHEROSVILLE	1.84		T														.19	.44		.26	T		.03							.92		
SOMERSET 1 N	2.15			.09													.49	.02		.23			.22			.03	.01			1.06		
SPRINGFIELD	1.40			T													.38			.08										.94		
STEARNS 2 N	3.95				.45												-	1.00		.60	.10		.90							.90		
SUMMER SHADE	-			.24															.21			.05								-		
SUMMER SHADE SUBSTA	2.57			.15	.12												1.09		.25				.11							.85		
TAYLORSVILLE	2.34			.08	T												.05	.42		.32	.35		.01							1.11		
TOMPKINSVILLE 2	2.96				.38													.98		.25				.04						1.31		
TURKEY CREEK SCHOOL	3.50																1.47	.63		.54	.03		.30							.53		
TYRONE LOCK 5	1.89			.11														.18		.90						.02				.68		
UNIONTOWN DAM 49	2.34		T	T				T									.70	.61		.53	.12		.21							.17		
VALLEY VIEW LOCK 9	1.50			.10														.22		T		.43				T				.75		
VANBUREN	2.35			.12													T	.43		.16	.20			.04	T					1.40		
VANCEBURG DAM 32	.99			.13	T	.23	.05											.08	T	.05	.09		.02			.07				.27		
WAYNESBURG 6 E	1.75			.13														.42		.09		.03				T				1.08		
WEST LIBERTY WATER WKS	2.06			.70	.10													.25		.10	.08		.08							.75		
WESTPORT	1.92				T	T											.03	.81		.18	T		.05							.85		
WILLIAMSBURG	3.02			.16													.80	.05		.10	.11		.56							1.40		
WILLIAMSTOWN	.99				T													.16		.10	.11					.02				.60		
WILLOW LOCK 13	2.26			.23														.30		.03				.44						1.26		
WOLF CREEK DAM	2.40			T	.20													1.00		.06	.01		.11							1.02		
WOODBURY LOCK 4	2.87			.06	.07												.39	.74				.53		.03						1.05		

# DAILY TEMPERATURES

KENTUCKY  
FEBRUARY 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	58	51	49	44	43	42	40	47	55	67	52	33	57	69	72	67	57	56	64	67	58	56	60	52	69	65	70	64				56.6
	MIN	25	39	29	24	29	29	19	17	22	26	28	12	19	50	60	41	35	28	33	47	43	28	30	37	31	33	36	35				31.6
ASHLAND OAM 29	MAX	58	55	45	41	41	39	37	35	43	61	48	37	53	72	78	71	60	70	65	69	63	59	71								55.3	
	MIN	25	33	36	24	32	24	18	19	29	23	37	21	24	37	49	56	37	32	26	46	40	36	30								31.9	
BARBOURVILLE	MAX	62	63	59	49	41	42	41	42	51	70	71	45	54	68	70	69	55	58	62	66	68	61	67	69	64	61	67	73			59.6	
	MIN	18	36	38	25	33	32	24	12	24	22	32	15	20	31	45	44	35	26	25	58	43	33	25	42	40	27	26	40			31.1	
BAROSTOWN S J PREP SCH	MAX	58	60	52	45	44	43	43	45	59	68	67	44	57	69	74	72	59	57	64	68	64	58	62	55	70	70	69	69			59.5	
	MIN	23	29	31	27	30	30	20	17	24	25	35	14	21	51	59	54	35	29	32	48	41	28	31	31	34	33	37	35			32.3	
BAXTER	MAX	47	56	56	44	40	40	40	40	42	57	66	53	53	53	62	73	66	40	60	62	63	57	59	65	54	65	46	70			54.0	
	MIN	20	20	31	25	29	33	26	15	16	24	26	20	18	22	50	52	36	29	28	30	42	33	27	29	27	29	31	33			28.6	
BEAVER OAM	MAX	60	60	55	51	52	44	39	50	62	66	58	38	59	70	73	68	51	57	66	68	61	59	58	55	73	71	73	69			59.5	
	MIN	26	28	36	27	27	31	26	20	26	29	35	17	22	51	60	44	35	24	34	49	40	34	38	31	33	31	37	34			33.0	
BENHAM	MAX	49	55	55	41	37	36	38	38	41	55	61	50	35	63	64	74	67	39	60	58	58	54	58	65	53	65	54	65			53.1	
	MIN	20	32	34	26	26	25	20	14	18	24	26	18	17	22	40	60	33	28	28	29	36	30	26	29	27	31	28	31			27.8	
BEREA COLLEGE	MAX	59	54	44	39	40	39	34	42	53	67	48	31	59	68	75	69	43	58	64	69	62	57	69	53	72	64	71	65			56.0	
	MIN	28	36	32	27	32	27	19	19	28	34	25	14	18	48	57	36	33	26	37	52	43	37	32	38	38	34	37	32			32.8	
BOWLING GREEN CAA AP	MAX	62	61	45	50	50	42	38	48	63	70	51	37	59	68	71	66	48	56	67	67	61	61	60	54	70	48	72	51			57.0	
	MIN	24	29	30	28	28	29	21	20	30	28	25	19	22	51	60	40	31	29	34	45	40	33	34	30	33	35	34			32.0		
CAMPBELLSVILLE	MAX	58	58	55	44	43	44	38	45	59	65	60	44	59	67	75	70	56	58	65	66	67	59	67	53	70	67	70	67			58.9	
	MIN	26	32	34	31	28	32	22	20	25	28	36	16	21	47	56	52	35	30	37	49	42	31	33	32	33	34	37	31			33.2	
CARROLLTON LOCK 1	MAX	55	53	48	45	42	41	36	47	52	66	62	35	56	68	72	70	59	56	62	69	65	56	64	59	67	66	69	68			57.4	
	MIN	26	34	34	26	32	28	20	18	22	24	33	16	20	48	59	56	36	24	28	46	45	29	30	39	32	33	36	35			32.5	
CLERMONT 1 SSE	MAX	61	60	52	46	44	43	38	49	58	68	64	44	60	69	74	70	55	58	66	68	67	60	60	55	70	68	73	68			59.6	
	MIN	19	28	28	24	25	25	20	14	20	23	35	9	15	44	59	53	35	22	25	48	42	26	26	35	31	33	30	34			29.7	
CORBIN CAA AIRPORT	MAX	61	57	48	40	41	41	38	44	59	69	51	35	56	66	74	66	41	60	64	64	54	60	67	56	70	61	70	65			56.4	
	MIN	18	34	30	27	32	29	18	12	23	24	27	13	15	37	54	41	35	27	25	52	41	29	26	36	36	30	29	32			29.7	
COVINGTON W 8 AIRPORT	MAX	50	46	45	36	37	34	36	44	47	59	42	30	53	65	70	65	50	54	62	65	54	55	57	47	64	47	66	59			51.4	
	MIN	32	33	27	27	30	22	15	22	25	28	22	16	23	49	56	35	33	31	36	44	43	33	36	34	35	31	36	30			31.6	
CYNTHIANA 2	MAX																																
	MIN																																
DANVILLE	MAX	45	57	55	42	40	42	39	37	43	55	67	49	33	58	67	74	63	48	57	64	65	58	59	67	53	70	50	74			54.7	
	MIN	29	33	34	30	32	31	20	20	24	29	36	15	15	23	52	58	34	28	29	35	43	36	33	35	35	34	34	40			32.0	
DEWEY OAM	MAX	52	60	55	46	39	42	37	34	44	55	69	52	34	62	73	75	72	45	58	67	70	70	60	70	56	70	47	66			56.4	
	MIN	16	35	36	24	27	32	25	14	23	22	22	24	16	32	57	59	36	35	23	25	49	32	25	26	29	29	26	40			30.0	
DIX DAM	MAX	56	55	49	42	40	40	34	43	54	65	59	34	58	68	75	62	57	58	64	66	65	56	68	55	70	67	70	65			57.0	
	MIN	27	33	34	30	33	31	20	22	29	31	33	15	19	46	50	54	34	30	33	49	42	33	33	33	36	34	36	34			33.4	
FARMERS	MAX	59	57	50	47	40	39	38	42	51	66	62	43	58	71	76	73	58	59	65	73	68	59	69	66	71	69	72	71			59.7	
	MIN	20	27	33	22	32	29	13	13	19	20	38	16	15	47	58	53	35	24	26	41	45	29	26	40	37	35	29	35			30.6	
FORDS FERRY DAM 50	MAX	60	61	59	50	55	47	34	51	61	64	58	35	60	68	74	69	47	54	67	61	61	59	56	56	74	67	71	48			58.1	
	MIN	30	32	39	30	32	31	29	21	31	33	35	19	26	54	64	42	33	30	40	46	41	34	45	36	40	31	41	34			35.7	
FRANKFORT LOCK 4	MAX	46	59	50	47	42	44	38	39	46	55	67	49	35	57	68	75	67	53	57	64	67	57	58	64	54	70	49	71			55.3	
	MIN	22	26	31	26	30	33	21	18	18	23	23	15	14	22	51	61	36	25	24	28	46	32	28	28	35	32	34	40			29.4	
GLASGOW WKAY	MAX	60	59	53	49	48	45	45	47	60	66	52	39	59	67	72	68	49	57	65	68	64	57	65	52	69	66	71	68			58.6	
	MIN	28	29	32	28	26	36	26	18	26	30	38	17	25	51	62	48	36	33	41	50	45	33	32	31	34	35	37	33			34.3	
GOLOEN POND 8 N	MAX	62	63	61	54	55	51	37	52	62	69	63	43	61	71	71	70	50	60	67	63	63	62	56	55	76	71	75	69			61.1	
	MIN	27	27	39	25	26	29	30	15	28	26	37	17	20	54	64	44	33	24	32	47	40	31	36	27	31	34	42	34			32.8	
GRAYSON	MAX	60	55	48	40	3																											



# DAILY TEMPERATURES

KENTUCKY  
FEBRUARY 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	60	60	56	48	49	47	40	48	63	67	66	44	59	69	72	68	50	57	65	67	65	59	61	54	70	69	72	72			59.9	
	MIN	23	31	34	29	27	37	27	16	28	29	38	13	19	51	60	50	36	24	31	50	41	31	31	30	38	34	38	34			33.2	
MANCHESTER 4 SE	MAX	62	58	55	43	40	41	40	43	59	70	56	45	57	68	74	71	55	63	66	68	64	60	68	65	70	68	71	67			59.5	
	MIN	15	30	36	24	33	32	23	12	21	23	32	14	15	37	56	53	34	27	25	43	44	31	25	42	26	36	26	32			30.3	
MAYFIELD 2 S	MAX	61	62	58	55	62	52	36	51	65	68	62	41	58	67	71	69	53	56	64	61	61	60	57	53	71	67	73	57			59.7	
	MIN	33	31	37	28	29	33	26	21	35	36	37	19	26	50	61	44	33	31	39	39	37	35	45	33	41	33	42	33			35.3	
MAYSVILLE OAM 33	MAX	42	55	50	45	37	39	33	34	42	47	64	42	30	56	69	76	66	47	55	62	70	58	54	66	51	68	44	71			52.6	
	MIN	22	30	35	21	28	31	14	14	21	21	21	20	18	25	50	60	37	28	29	27	45	32	30	33	31	30	32	37			29.4	
MIDDLESBORO	MAX	58	64	57	46	41	43	43	44	64	74	67	50	53	63	73	67	54	61	65	63	61	63	67	64	66	65	70	67			59.8	
	MIN	17	34	36	24	34	31	28	13	24	22	33	19	17	45	54	52	37	25	25	50	42	35	24	44	27	39	36	35			32.2	
MOUNT STERLING	MAX	58	52	43	39	39	38	35	40	51	66	56	36	56	69	75	68	58	60	66	69	63	57	68	53	69	64	70	64			56.5	
	MIN	24	32	34	26	31	27	16	17	25	30	34	14	17	44	55	50	34	29	34	45	42	35	30	38	33	33	32	32			31.9	
MURRAY	MAX	64	65	66	57	58	50	37	52	69	70	60	45	61	71	72	69	52	60	67	61	64	64	55	57	75	74	75	62			61.9	
	MIN	28	29	30	28	28	30	28	20	36	30	38	20	26	54	63	45	34	29	39	47	39	34	41	32	42	35	44	34			35.1	
OWENSBORO 2 W	MAX	58	55	50	47	50	45	38	45	60	67	59	38	55	68	72	67	54	59	64	65	61	58	58	54	70	67	68	64			57.7	
	MIN	30	35	37	30	31	34	28	24	29	26	37	20	26	45	60	42	35	31	39	46	41	34	41	36	37	39	36	35			35.3	
PADUCAH CAA AIRPORT	MAX	61	63	46	53	57	40	37	53	65	70	51	40	59	67	73	68	51	57	66	58	62	60	55	55	72	52	72	44			57.4	
	MIN	35	32	30	31	30	29	23	23	38	32	26	20	27	55	63	41	34	31	40	39	39	34	34	34	38	35	38	31			34.4	
PADUCAH	MAX	51	62	64	45	52	56	40	52	53	64	68	46	38	59	68	73	64	51	56	66	58	62	60	58	56	74	53	73			57.9	
	MIN	26	24	35	29	32	28	28	20	24	30	30	20	20	27	57	56	35	33	33	41	40	36	34	34	36	35	33	35			32.5	
PIKEVILLE	MAX	60	56	46	39	40	40	39	44	59	72	56	38	60	73	76	73	56	64	69	71	64	63	70	55	74	69	77	70			59.8	
	MIN	23	35	38	29	35	33	28	16	26	25	31	26	20	34	43	54	37	35	28	54	47	35	28	45	31	39	29	42			33.8	
PRINCETON	MAX	62	62	55	54	56	51	34	52	66	62	59	41	62	66	71	68	51	57	68	60	64	60	64	57	72	67	74	61			60.6	
	MIN	22	24	37	24	24	29	20	15	24	24	38	14	22	52	62	43	30	21	33	45	39	30	31	25	30	33	41	33			30.9	
RICHMOND	MAX	44	57	54	44	39	39	37	35	42	54	66	48	44	56	66	74	64	46	59	64	69	65	57	67	52	70	52	70			54.8	
	MIN	25	32	35	25	29	31	19	19	25	29	36	17	19	34	50	60	30	29	28	40	47	33	29	39	37	34	30	40			32.2	
RUSSELLVILLE	MAX	62	62	53	51	53	43	38	50	63	67	50	36	61	71	70	67	46	56	66	67	61	58	60	55	75	66	75	70			59.0	
	MIN	25	28	30	26	29	28	27	19	31	31	30	17	24	52	59	42	34	26	37	45	40	32	36	29	39	33	38	33			32.9	
ST JOHN BETHLEHEM ACAD	MAX	47	58	55	44	46	45	42	37	47	58	67	46	34	56	66	72	64	49	55	64	66	57	57	59	53	68	48	70			54.6	
	MIN	21	27	28	29	25	26	22	19	21	23	24	13	14	21	48	55	29	28	29	37	39	31	32	34	31	33	31	34			28.7	
SCOTTSVILLE	MAX	62	61	57	51	50	46	39	48	61	66	55	38	60	68	74	70	56	58	68	68	65	60	64	54	71	67	74	72			60.1	
	MIN	28	30	37	30	28	32	27	19	33	36	38	18	23	52	59	54	37	26	37	51	42	34	38	33	39	35	39	34			35.3	
SHELBYVILLE 2 W	MAX	58	53	47	43	41	41	38	46	53	66	60	34	56	66	72	69	57	57	64	68	65	56	60	52	68	66	70	67			56.9	
	MIN	27	33	32	26	30	29	19	20	23	28	32	15	21	47	57	55	35	28	34	45	42	32	34	34	32	33	36	34			32.6	
SOMERSET 1 N	MAX	59	58	53	42	43	43	37	42	59	68	57	37	60	67	73	67	54	60	65	65	61	59	69	54	72	64	70	66			58.0	
	MIN	21	28	33	27	33	31	21	15	26	25	38	15	18	44	52	42	35	28	28	47	41	31	27	27	28	35	31	32			30.7	
SUMMER SHAOE	MAX	60	60	53	47	48	43	37	46	60	66	49	35	60	67	75	66	45	59	65	67	59	58	66	53	70	66	71	62			57.6	
	MIN	24	26	30	24	35	34	24	15	25	30	32	16	20	45	55	42	34	26	34	48	40	29	32	31	35	33	33	30			31.5	
VANCEBURG DAM 32	MAX	56	54	47	40	38	36	36	41	47	64	51	32	55	70	78	73	59	55	62	70	65	57	68	55	67	65	70	65			56.3	
	MIN	24	34	32	23	27	26	15	15	20	20	31	17	11	34	58	57	33	29	28	40	40	30	30	40	67	65	70	65			30.3	
WEST LIBERTY WATER WKS	MAX	50	55	55	50	40	44	40	38	50	55	70	54	35	60	70	75	70	45	60	66	72	61	65	70	58	74	55	73			57.5	
	MIN	15	30	30	25	25	22	20	16	20	20	23	15	16	30	42	50	29	30	20	25	37	28	25	30	20	23	22	38			25.9	
WILLIAMSBURG	MAX	62	61	59	43	43	43	44	45	62	72	62	46	55	67	74	70	56	60	64	64	62	62	68	66	70	69	70	65			60.1	
	MIN	20	31	41	26	26	28	25	15	26	26	30	17	17	45	52	51	35	27	26	52	41	34	27	42	29	29	32	32			31.5	
WILLIAMSTOWN	MAX	40	52	49	46	36	38	31	34	42	49	62	45	32	58	66	77	63	52	56	62	65	54	54	60	50	65	46	69			51.9	
	MIN	26	33	30	29	29	25	11	20	21	25	30	14	18	22	50	57	31	30	32	39	41	30	33	34	34	30	31	35			30.0	
WOLF CREEK DAM	MAX	51	62	61	47	46	47	44	40	46	64	69	54	37	62	67	74	66	48	60	65	68	60	62	70	56	72	50	71			57.8	
	MIN	21	22	31	26	30	35	27	16	17	24	25	17	15	19	54	62	37	28	29	30	46	33	30	31	30	29	30	32			29.5	

## EVAPORATION AND WIND

Table 6

Station		Day of month	
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Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
FEBRUARY 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ASHLAND DAM 29	SNOWFALL SN ON GND				T T	1.0 T	T T																									
BENHAM	SNOWFALL SN ON GND				1.0 1	.5 T							T T					T												T		
BOWLING GREEN CAA AP	SNOWFALL SN ON GND						T T	T T																						T		
CORBIN CAA AP	SNOWFALL SN ON GND				T T	T T																								13.0		
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV				.6 1	.3 T	T T					T T						T			T						T			1.1		
DEWEY DAM	SNOWFALL SN ON GND					2.0 T	T T																									
FARMERS	SNOWFALL SN ON GND				.2 T	T T	T T						T T																			
FORDS FERRY DAM 50	SNOWFALL SN ON GND																															
HEIDELBERG LOCK 14	SNOWFALL SN ON GND				T T																											
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV				T T	T T	T T												T T													
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV				T T		T T	T T																				T T	T T			
MAMMOTH CAVE PARK	SNOWFALL SN ON GND																														.3	
MAYSVILLE DAM 33	SNOWFALL SN ON GND				T T	T T																										
MIDDLESBORO	SNOWFALL SN ON GND				T T																											
MURRAY	SNOWFALL SN ON GND							T T																								
OWENSBORO 2 W	SNOWFALL SN ON GND						T T																							T		
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND							T T																				T T	T T			
SCOTTSVILLE	SNOWFALL SN ON GND																													T		
WILLIAMSTOWN	SNOWFALL SN ON GND				T T																											

## STATION INDEX

KENTUCKY  
FEBRUARY 1954

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADDISON DAM 45	0031	BRECKINRIDGE	7 37 55	86 34	380	6A	CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	MID	MID U.S. WEATHER BUREAU	2 3 5	7 C
ADDIPLUS 1 N	0043	ALLEN	3 36 59	86 16	600	7A	IDELL M. DEARING	3	C	LIBERTY	4755	CASEY	3 37 21	84 55	-		7A PALLIA L. HANLEY	3	C
ALBANY	0063	CLINTON	2 36 42	85 07	950	7A	MRS. BARBARA M. COOL	3	C	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 43	84 38	580		7A CORPS OF ENGINEERS	3	C
ALBANY CITY	0095	FLOYD	1 37 35	82 43	650	8A	NANNIE AUXIER	3		LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485		6A CORPS OF ENGINEERS	3	C
ANCHORAGE	0155	JEFFERSON	7 36 16	85 33	700	7P	C. E. BARRET	2 3 5		LOGLOCK 1 S	4882	CLARK	4 37 51	84 02	-		MID MRS. N. BAKER	2 3 5	7 C
ASHCAMP	0246	PIKE	1 37 16	82 26	1100	6A	MARY S. RATLIFF	2 3 5	7	LONDON 3 SW	4893	LAUREL	2 37 06	88 18	1217		MID U.S. FOREST SERVICE	3	C
ASHLAND DAM 29	0254	BOYD	2 36 27	82 36	554	6P	CORPS OF ENGINEERS	2 3 5	7	LOUISA	4943	LAWRENCE	1 38 07	82 37	584		8A JULIUS M. RANKIN	3	C
BARBOURVILLE	0381	KNOX	2 36 52	85 53	1000	6P	UNION LOCK	2 3 5	C	LOUISA 2	4946	LAWRENCE	1 38 07	82 37	584		7A EDDIE L. YOUNG	3	C
BARSTOWN S.J. PREP SCH	0397	NELSON	3 37 48	85 20	637	6P	ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE BONMAN FLD	4951	JEFFERSON	7 38 13	85 40	558		6A CORPS OF ENGINEERS	2 3 5	7
BAXTER	0450	MARLAN	2 36 51	83 20	1164	7A	C. E. POWER NOLAN	2 3 5	C	LOUISVILLE WR AP	4954	JEFFERSON	7 38 11	85 44	474		MID U.S. WEATHER BUREAU	2 3 5	7
BEAVER DAM	0490	NO	3 37 25	86 52	441	6P	E. G. YOUNG	2 3 5	7	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403		6A CORPS OF ENGINEERS	3	C
BENHAM	0595	MARLAN	2 36 59	82 57	1580	8A	C. WHITEAKER	2 3 5	7	LOUISVILLE WB CITY	4956	JEFFERSON	7 38 15	85 46	457		MID U.S. WEATHER BUREAU	2 3 5	7
BENTON	0611	MARSHALL	9 36 51	80 20	-	6P	JAMES H. MILLER	2 3 5	C	LOVELACEVILLE	4967	BALLARD	6 36 58	88 50	370		6P RLAINIE MALONE	2 3 5	C
BEREA COLLEGE	0619	MADISON	4 37 34	84 16	1070	6P	JAMES A. GROSSMAN	2 3 5	C	LUCAS	5002	BARRON	3 36 53	86 02	345		7A WILLARD E. FOSTER	2 3 5	C
BEREA WATER WORKS	0624	MADISON	4 37 34	84 16	1100	7A	MRS. L. B. GAFFARD	2 3 5	C	MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	435		7A HONER WELBORN, JR.	2 3 5	7
BOWLING GREEN	0904	WARREN	3 37 00	86 26	536	7A	JAMES R. EDWARDS	3		MANHOTT CAVE PARK	5097	EDMONSON	3 37 11	86 06	800		5P NATIONAL PARK SVC	2 3 5	7
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	7A	IVA-639	3		MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850		7A NORA S. WHITE	2 3 5	7
BOWLING GREEN CAA AP	0909	WARREN	3 36 50	86 26	535	MID	CIVIL AERO. ADM.	2 3 5	7	MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364		7A TVA-3-A	2 3 5	7
BRENT DAM 36	0978	CAMPBELL	7 39 03	84 25	497	MID	CITY BOWLING GREEN	2 3 5	C	MAYFIELD 2 S	5232	GRAVES	6 36 42	88 38	364		5P MRS. JOE PAYNE	2 3 5	7
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A	STONING SKAGGS	3		MAYFIELD DAM 33	5235	MASON	7 38 30	83 42	524		6A CORPS OF ENGINEERS	2 3 5	7 C
BURDINE 2 NE	1120	PIKE	1 37 13	85 25	1638	8A	EDWIN E. JOHNSON	3		MC KEE	5291	JACKSON	2 37 24	84 00	1000		7A MRS. WINNIE E. MORAN	3	C
BURGIN DIX DAM	1127	MERCER	4 37 48	84 43	770	4P	C. W. WILLIAMS	CLOSED 11/55		MC KINNEYSBURG	5301	PENDLETON	2 37 26	84 16	-		MID EDWARD C. GIFFORD	2 3 5	7
BURKESVILLE	1137	CUMBERLAND	2 36 47	85 22	600	7A	MURPHY M. LEE	3		MIDDLESBORO RR STA	5349	BELL	2 36 37	87 43	1130		MID SHEED C. PRIAR	2 3 5	7
CAO12 LOCK E	1226	TRIGG	2 36 46	87 58	424	7A	CORPS OF ENGINEERS	3		MIDWAY	5407	WOODFORD	4 39 09	84 41	-		8A CITY OF MIDWAY	2 3 5	7
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	777	6P	ALVA MC KINLEY	2 3 5	C	MILLERSBURG	5430	BOURBON	5 38 18	84 09	-		MID DAVID C. BAILEY	2 3 5	7
CARROLLTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	6P	CORPS OF ENGINEERS	2 3 5	C	MILLERSTON	5438	GRAYSON	3 37 27	86 03	580		7A MRS. O. M. LAWLER	2 3 5	7
CENTRAL CITY	1439	MULLENBERG	3 37 17	87 07	474	MID	JAMES F. PRICE	2 3 5	C	MONTICELLO	5524	WAYNE	2 36 50	84 51	910		7A E. O. COOPER	2 3 5	7
CLEMENT 1 SSE	1611	BULLITT	6 37 55	85 40	474	5P	BERNHEIM FOUNDATION	2 3 5	C	MOREHEAD STATE COLLEGE	5555	ROMAN	4 38 11	84 48	770		7A MRS. C. NAGGAN	2 3 5	7
CLINTON	1631	HICKMAN	6 36 41	89 00	370	MID	WOODSON D. FRANKLIN	2 3 5	C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	83 56	930		5P FRED CARTMILL	2 3 5	7
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A	CORPS OF ENGINEERS	3		MUNFORDVILLE	5684	HART	3 37 16	85 53	600		7A HURBERT E. HODGES	2 3 5	7
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	7A	MRS. HAZEL B. PICKETT	2 3 5	7	MURRAY	5694	CALLOWAY	9 36 36	88 20	600		6P HURRAY WATER SYSTEM	2 3 5	7
CORBIN DIX DAM	1801	WHITLEY	2 36 50	84 08	1173	MID	CIVIL AERO. ADM.	2 3 5	7	OLIVE HILL 1 NW	6012	CARTER	7 38 18	83 11	752		MID LOTTA ORA HOOPER	2 3 5	7
COWINGTON WB AIRPORT	1855	BOONE	7 39 04	84 40	683	MID	U.S. WEATHER BUREAU	2 3 5	7 C	ONLEY	6020	HOPKINS	3 37 14	87 47	380		8A ART D. WILLIAMS	2 3 5	7
CUMBERLAND FALLS ST PK	1969	WHITLEY	2 36 50	84 19	-	5P	KY DEPT OF COMS.	3		ONOTA DAM 35	6033	CAMPBELL	7 38 58	84 10	497		6A CORPS OF ENGINEERS	2 3 5	7
CYNTHIANA	1990	HARRISON	5 38 23	84 18	684	7A	MARSHALL HILL	2 3 5	C	OWENSBORO 2 W	6091	DAVEISS	7 37 46	87 09	420		7A VIRGIL D. CLARK	2 3 5	7
CYNTHIANA 2	2003	HARRISON	5 38 23	84 17	840	6P	MRS. MARSHALL K. HILL	2 3 5	7	OWENSBORO DAM 46	6096	DAVEISS	7 37 47	87 08	404		6P CORPS OF ENGINEERS	2 3 5	7
DANVILLE	2040	BOYLE	4 38 39	84 46	955	7A	W. P. COLDIRON	2 3 5	7	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7 37 04	84 46	394		MID CIVIL AERO. ADM.	2 3 5	7
DAVELLA	2055	MARTIN	1 37 48	82 32	715	MID	BERTHA DE LONG	2 3 5	C	PADUCAH	6115	MC CRACKEN	7 37 05	84 46	394		6A WESTERN P. LACEY	2 3 5	7
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1760	5P	DEE A. MAYES	3		PADUCAH ARMORY	6117	MC CRACKEN	7 37 05	84 46	394		MID CITY OF PADUCAH	2 3 5	7
DEMA	2139	KNOTT	1 37 25	82 48	850	5P	HATTIE B. BARNEY	2 3 5	6	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620		7A JESSE FAIRCHILD	2 3 5	7
DEWEY DAM	2180	FLOYD	1 37 45	82 47	653	7A	CORPS OF ENGINEERS	2 3 5	6	PIKEVILLE	6353	PIKE	1 37 29	82 31	686		5P U.S. WEATHER BUREAU	2 3 5	7
DIX DAM	2445	MERCER	6A 43	85 40	970	4P	C. W. WILLIAMS	2 3 5	6	PINEVILLE	6354	BELL	2 36 45	83 42	999		7A F. PARTIN	2 3 5	7
DUNDEE BARRETT'S FORD BR	2358	NO	3 37 33	86 43	450	6P	J. L. HUFF	2 3 5	C	PRINCETON	6575	CALDWELL	2 37 06	87 53	529		5P ALTON M. HARVILL	2 3 5	7
DUNMOR	2368	MULLENBERG	3 37 05	87 00	610	7A	N. D. GIVENS	2 3 5	C	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	631		5P CORPS OF ENGINEERS	2 3 5	7
DUNNVILLE	2374	CASEY	3 37 13	84 08	-	-	LENNIE D. TARTER	3		RICHMOND	6805	MADISON	4 37 44	84 18	1085		8A THOMAS C. HERNDON	2 3 5	7
DYER	2391	BRECKINRIDGE	3 37 43	86 13	-	-	LENA BLAIR	3		ROCKY LOCK 2	7056	MC LEAN	3 37 32	87 16	364		6A CORPS OF ENGINEERS	2 3 5	7
EDDYVILLE LOCK F	2445	LYON	2 37 03	88 05	420	7A	CORPS OF ENGINEERS	2 3 5	C	RUSSELLVILLE	7048	LOGAN	4 37 56	84 49	520		7A CORPS OF ENGINEERS	2 3 5	7
EDMONTON	2469	METCALFE	3 37 00	85 57	-	7A	JOHN E. MORAN	3		RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576		7A TVA-683	2 3 5	7
ELKHORN CITY	2520	PIKE	1 37 18	82 21	800	8A	MRS. KELSIE SCAMMELL	3		SADIEVILLE	7074	SCOTT	4 38 23	84 33	974		MID STANLEY WILSON	2 3 5	7
FALMOUTH	2775	PENDLETON	5 38 40	84 20	560	7A	FRANK H. LAWSON	2 3 5	7	ST JOHN BETHLEHEM ACAD	7091	HARDIN	8 37 42	85 59	777		7A SISTER M. MELITINA	2 3 5	7
FARMERS	2811	ROMAN	5 38 09	83 33	668	6P	MRS. C. C. STAMPER	2 3 5	7	ST MARY	7096	HARDIN	8 37 35	85 21	730		MID ST. MARY COLLEGE	2 3 5	7
FLEMINGSBURG	2863	FLEMING	5 38 25	83 43	870	7A	MRS. JEAN FLEMING	2 3 5	7	SALVISA LOCK 6	7121	MERCER	4 37 56	84 49	520		7A CORPS OF ENGINEERS	2 3 5	7
FLEMINGSBURG 2	2908	FLEMING	5 38 25	83 45	830	MID	MAURICE B. CARPENTER	2 3 5	C	SALVISAVILLE	7129	MAGOFFIN	5 37 45	83 05	859		MID STANLEY GARDNER	2 3 5	7
FORD LOCK 10	2953	MADISON	4 37 53	84 15	593	6A	CORPS OF ENGINEERS	2 3 5	C	SALVISAVILLE 2	7134	MAGOFFIN	5 37 45	83 04	900		7A FORREST C. WILLIS	2 3 5	7
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	356	6P	CORPS OF ENGINEERS	2 3 5	7	SCOTTSVILLE	7215	ALLEN	3 36 45	86 12	770		5P NORLE ALLEN	2 3 5	7
FRANKFORD LOCK 4	3028	FRANKLIN	4 38 13	84 56	504	6A	CORPS OF ENGINEERS	2 3 5	C	SEEBEE WATER WORKS	7234	WEBSTER	3 37 36	87 32	360		7A SEEBEE WATER WORKS	2 3 5	7
FRANKLIN WATER WORKS	3036	SIMPSON	3 36 43	86 34	691	7A	HERMAN D. HEAL	2 3 5	C	SHANNON STEAM PLANT	7311	MC CRACKEN	7 37 09	86 47	355		7A TVA-709	2 3 5	7
FREEBURN	3046	PIKE	1 37 34	82 08	727	8A	JOHN E. TANNER	3		SHELBYVILLE 2 W	7324	SHELBY	8 30 13	85 16	825		6P WILMA S. A. PATTA	2 3 5	7
FRECHBURG	3052	METCALFE	5 37 57	83 39	930	7A	FRENCHBURG SCHOOL	3		SHEPHERDSVILLE	7334	BULLITT	6 38 00	85 44	-		7A WILDA K. MAGRUDER	2 3 5	7
GEORGETOWN WATER WORKS																			



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1946.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

@ Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Daily values and monthly total from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous months.

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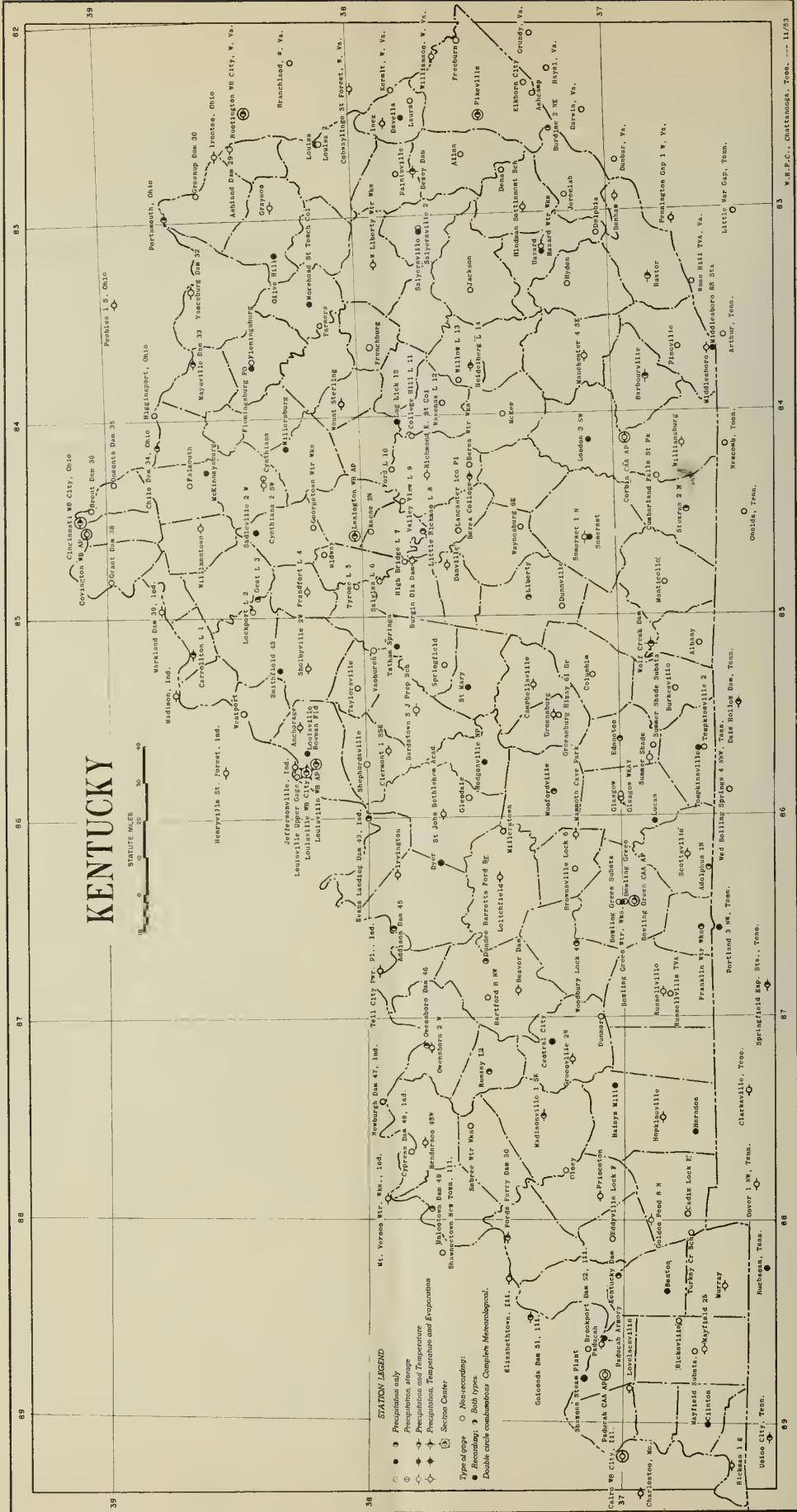
W.R.P.C., Chattanooga, Tenn. --- 4/1/54 --- 775

# KENTUCKY

0 10 20 30 40  
STATUTE MILES

## STATION LEGEND

- Precipitation only
- Precipitation and Temperature
- ◆ Precipitation, Temperature and Evaporation
- ◇ Section Center
- Nonrecording
- Recording
- ◆ Solid type
- ◇ Dashed circle contains Complete Meteorological



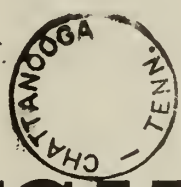
Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

W.R.P.C., Chattanooga, Tenn. --- 11/73

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1.41<sup>3</sup>

nat. West

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief



# CLIMATOLOGICAL DATA

## KENTUCKY

MARCH 1954

Volume XLIX No. 3

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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The weather conditions during the month were characterized by considerable temperature fluctuations and very light rainfall. Weekly average temperatures fluctuated from considerably below normal to much above normal from week to week, with the overall average for the month more than one degree below normal. Precipitation was infrequent and light, with the amount for the state as a whole less than 60% of the mean. Snowfall averaged above normal but was confined mostly to the eastern third of the state. Considerable damage to utility and communication facilities resulted from a snowstorm in the eastern part of the state with the estimated amount exceeding \$200,000. There also was some damage locally from windstorms but the amount was comparatively minor. The weather during the month was generally favorable for farm work but the below normal temperatures and lack of moisture retarded growth of crops.

The temperature averaged below normal over all sections of the state with the eastern division showing the largest departure. The month opened near seasonal, but unusually cold weather moving in on the 2nd brought daily average temperatures down as much as 16 degrees below normal for the next 5 days. It was during this period that most locations recorded their lowest reading for the month. Beginning with a slow moderation, temperatures began to climb so that by the 13th the daily average temperature was just as much above normal as it was below the previous week. Most locations in the western two-thirds of the state recorded their highest temperature for the month during this warm period. On the 14th, temperatures took a sudden drop, and for the next 4 days the weather continued cold. Following this period and to the end of the month, temperature changes were frequent with the warm and cold spells of short duration. The period of the 24th to the 26th was quite warm, and most locations in the eastern third of the state recorded their highest temperature for the month during this interval. The mean temperature for the state was 44.7° which is 1.7° below normal. The monthly mean temperature ranged from 49.4° at Murray to 39.7° at Covington WB Airport. The highest temperature for the month was 88° at Pikeville on the 25th; the lowest was 7° at Hindman Settlement School on the 2nd and Clermont LSSE on the 6th.

Precipitation was unusually light and rather infrequent with measurable amounts occurring only on an average of 6 days. Practically all locations showed a

negative departure from the normal precipitation. The pattern of rainfall generally followed a progression from northwest to southeast with the smaller amounts in the northwest. Monthly amounts were mostly under 2 inches in the northwest, between 2 and 3 inches in the central, and 3 to 4 inches in the eastern counties. A few locations in the southeastern counties received over 4 inches. Practically all the precipitation came in the form of scattered showers with the exception of that recorded on the 1st in the eastern section of the state. The large amounts in that area were due to a combination of snow and rain. About the only other period of large rainfall amounts was the period of the 24th to 26th. Snowfall averaged above normal mainly as a result of the snowstorm in the eastern part of the state at the beginning of the month. The average precipitation for the state was 2.73 inches which is 2.04 inches below normal. The total amounts recorded at the various locations ranged from 7.17 inches at Benham to 0.85 inch at Dunnville. The greatest precipitation in 24 hours was 4.20 inches at Hindman Settlement School reported on the 1st. The monthly average of snowfall was 2.5 inches which is 0.7 inch above normal. The greatest monthly amount of snowfall was 18.5 inches at Benham. The greatest depth on the ground was 15 inches at Benham on the 1st.

A severe snowstorm struck the eastern section of the state at the beginning of the month. Rain which began on February 28 turned to snow that evening and continued on the 1st of March. Before the storm abated, snowfall amounts of up to 18 inches were reported in the area. Utility and communication facilities were paralyzed and many areas were without these services for several days. Some of the firms affected indicated the storm to be the worst in their experience in that area. The estimated damage ran to almost \$275,000.

The weather during the month was generally favorable for farm work, but the below-normal temperatures and lack of moisture retarded growth of permanent pastures and fall seeded grains and grasses. By the end of the month, topsoil moisture was generally adequate to start spring growth, but subsoil moisture was extremely short over much of the state. There were scattered reports of damage to small grains and cover crops due to alternate freezing and thawing but damage was small. The principal activities during the month were spring plowing, preparing and seeding tobacco beds, and seeding spring oats, grasses, and clovers. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
MARCH 1954

Station	Wind direction		Wind speed m p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	SSE	11	15.4	-	-	-	72	79	52	58	6	4	6	1	0	0	17	-	6.8
LOUISVILLE WB AP	NW	19	10.4	45	SW	25	72	77	51	53	5	4	4	0	0	0	13	58	6.2

## COMPARATIVE DATA

MARCH

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1889	40.5	84	18	1.52	-	1914	41.8	78	2	3.62	6.4	1939	49.4	90	15	5.78	T
1890	41.2	78	4	8.34	-	1915	37.8	65	11	2.11	3.5	1940	43.9	81	11	5.04	1.9
1891	41.8	71	9	8.08	-	1916	43.5	84	4	3.39	3.7	1941	40.5	74	2	1.65	1.1
1892	40.6	82	7	4.08	-	1917	45.9	84	0	6.52	8.1	1942	48.3	85	15	4.48	2.2
1893	45.0	89	5	2.76	-	1918	51.6	85	17	1.97	T	1943	43.0	80	- 6	7.63	3.0
1894	50.8	86	10	2.72	-	1919	47.6	81	16	5.65	T	1944	45.2	84	8	5.50	0.5
1895	45.0	88	15	3.17	-	1920	46.3	88	- 1	4.85	0.6	1945	56.5	91	20	7.06	T
1896	41.1	80	8	6.16	-	1921	56.7	87	19	5.75	T	1948	56.1	85	16	4.47	0.2
1897	49.6	86	20	7.94	0.2	1922	49.4	83	19	8.11	0.5	1947	38.6	77	- 1	2.36	10.8
1898	50.7	84	16	7.59	1.0	1923	45.6	80	8	5.27	T	1948	49.8	87	8	6.26	0.1
1899	43.9	80	- 3	8.10	2.4	1924	41.5	81	14	3.05	1.8	1949	45.8	86	10	5.17	1.1
1900	42.8	81	- 3	2.58	3.9	1925	49.2	84	4	3.59	0.4	1950	43.1	88	7	3.74	0.3
1901	46.4	87	3	3.50	0.5	1926	40.2	84	4	2.80	2.3	1951	45.4	79	13	4.99	6.2
1902	47.2	82	7	4.44	6.1	1927	48.4	82	10	6.04	3.5	1952	45.6	84	9	7.25	0.2
1903	52.5	85	19	4.43	T	1928	45.6	85	12	2.64	2.7	1953	48.8	80	19	5.49	0.9
1904	47.7	88	12	6.26	0.5	1929	52.0	94	9	4.17	1.2	1954	44.7	88	7	2.73	2.5
1905	52.2	86	22	4.45	T	1930	44.5	76	9	2.17	1.2						
1906	39.2	75	3	6.37	2.0	1931	41.4	73	18	3.66	1.9						
1907	54.9	92	18	2.28	0.8	1932	41.2	80	4	4.95	1.5						
1908	51.8	88	19	5.42	0.6	1933	46.0	78	10	5.52	T						
1909	44.8	74	17	5.14	T	1934	43.6	80	5	4.83	2.1						
1910	55.0	91	11	0.79	0.3	1935	54.6	86	20	9.56	0.3						
1911	46.0	87	7	2.57	0.6	1936	50.7	81	19	4.85	3.2						
1912	41.3	88	10	6.22	6.6	1937	42.2	77	6	1.43	2.3						
1913	46.5	85	9	7.22	0.5	1938	53.7	86	11	6.29	T						

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
MARCH 1954

TABLE 2

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More	
										50° or Above	32° or Below	32° or Above	0° or Below											
WESTERN DIVISION																								
REARER DAM	59.3	33.6	46.5	- .9	76	12	18	6	570	0	0	15	0	1.30	- 3.21	.43	25	.0	0		4	0	0	
FORDS FERRY DAM 5D	57.8	35.6	46.7		80	12	20	4		0	0	14	0	1.62	- 3.35	.62	26	T	T	3+	4	1	0	
GOLDEN POND 8 N	61.3	33.9	47.6		81	12	17	16	534	0	0	17	0	2.32		.72	24	.9	1	3	5	2	0	
GREENVILLE 2 W	58.5	34.0	46.3	- 1.4	75	12	19	4	570	0	0	15	0	1.47	- 3.66	.56	25	.0	0		4	1	0	
HENDERSON 4 SW	57.4	35.3	46.4	- 1.1	77	12	20	4+	571	0	0	13	0	2.28	- 3.23	.68	25	T	0		4	3	0	
HICKMAN 1 E	58.3	32.4	45.4		78	13	18	4+		0	0	18	0	3.80		1.84	24	T	0		6	2	1	
HDPKINSVILLE	57.3	33.6	45.5	- 3.6	78	13	21	4+		0	1	15	0	2.51	- 2.49	1.04	24	.0	0		6	1	1	
LOVELACEVILLE	59.3	35.0	47.2	- 1.8	77	12	20	4+	546	0	0	16	0	1.87	- 3.45	.61	24	.0	0		5	1	0	
MADISONVILLE 1 SE	59.6	34.3	47.0		78	12	20	6	550	0	0	16	0	1.49		.38	26	T	0		4	0	0	
MAYFIELD 2 S	59.1	37.0	48.1	- 1.3	76	12+	19	4	521	0	0	12	0	3.53	- 1.31	1.57	24	T	0		5	3	1	
MURRAY	61.8	37.0	49.4	.7	79	12	22	4+	480	0	0	13	0	2.99	- 2.56	1.40	24	T	T	3	5	2	1	
OWENSBORO 2 W	57.6	35.3	46.5	- .4	75	12	20	4	569	0	0	13	0	1.76	- 3.06	.57	30	T	T	3	5	2	0	
PADUCAH CAA AIRPORT	56.2	34.8	45.5		77	12	21	4	598	0	0	14	0	1.79		.67	25	T	0		5	1	0	
PADUCAH	57.2	33.7	45.5	- 3.5	80	13	21	16		0	0	15	0	1.71	- 3.22	.90	24	T	0		4	1	0	
PRINCETON	60.5	32.7	46.6	- 1.4	81	12	15	16	563	0	0	16	0	1.98	- 2.98	.73	24	.0	0		5	1	0	
RUSSELLVILLE	59.8	34.9	47.4	.1	77	12	20	4	541	0	0	14	0	3.06	- 1.89	.95	24	.0	0		6	2	0	
DIVISION														2.22										
CENTRAL DIVISION																								
ANCHORAGE	55.9	31.4	43.7	- .7	72	28	13	6	654	0	0	18	0	1.53	- 2.90	.45	19	T	0		5	0	0	
BARDSTOWN S J PREP SCH	58.5	33.0	45.8		73	28+	18	4+	587	0	0	17	0	2.40		.48	19	T	0		6	0	0	
BOWLING GREEN CAA AP	57.1	34.1	45.6	- .6	74	12	20	4	594	0	0	15	0	2.02	- 3.64	.64	19	T	0		8	1	0	
CAMPBELLSVILLE	57.1	33.8	45.5		72	13+	17	4+	597	0	0	14	0	1.41		.36	13	T	T	3	5	0	0	
CARRDLTON LOCK 1	55.7	31.4	43.6		76	29	14	6	657	0	0	17	0	1.90	- 1.99	.40	19+	T	0		7	0	0	
CLERMONT 1 SSE	59.0	29.5	44.3		73	12+	7	6	635	0	0	18	0	2.33		.87	19	.0	0		6	2	0	
COVINGTON W 8 AIRPRT	49.5	29.8	39.7	- 2.0	69	25	15	4+	777	0	1	19	0	2.41	- 1.63	.82	19	.6	1	1	6	2	0	
DANVILLE	53.8	32.1	43.0	- 3.2	73	26	17	5+		0	0	17	0	2.07	- 2.70	.73	13	1.0	1	1	7	1	0	
DIX DAM	56.4	33.4	44.9		74	25	10	5	614	0	0	14	0	2.26		.83	13	.0	0		6	1	0	
FRANKFORT LOCK 4	54.7	29.8	42.3	- 3.6	72	26+	15	7		0	0	19	0	2.05	- 2.37	.66	20	.0	0		6	1	0	
GLASGOW WKAY	57.7	35.0	46.4		74	12	18	5	572	0	0	15	0	1.42		.55	19	.0	0		4	1	0	
GREENSBURG	56.8	32.0	44.4	- 2.2	74	13	17	5		0	0	19	0	2.10	- 3.22	.49	1	T	T	1+	7	0	0	
IRVINGTON	57.8	33.5	45.7	- 1.2	72	12	17	6	591	0	0	16	0	1.67	- 3.09	.68	30	T	T	3	4	1	0	
LEITCHFIELD	57.4	34.3	45.9	- .7	72	12	16	6	586	0	0	14	0	1.80	- 3.02	.48	19	1.0	1	4	5	0	0	
LEXINGTON W8 AIRPORT	53.5	32.1	42.8	.4	73	25	13	5	680	0	0	16	0	2.38	- 2.08	.75	19	T	1	1	7	1	0	
LOUISVILLE W8 AP	54.4	33.0	43.7	- 1.9	73	28	18	4	651	0	0	16	0	1.25	- 3.42	.38	25	T	0		4	0	0	
LOUISVILLE W8 CITY	53.2	33.9	43.6	- 2.5	71	25+	18	4	655	0	0	14	0	2.08	- 2.59	.74	19	T	0		5	1	0	
MAMMOTH CAVE PARK	58.7	33.4	46.1	- 1.0	73	12	17	5+	580	0	0	15	0	1.85	- 4.12	.78	19	T	T	3	6	1	0	
ST JOHN BETHLEHEM ACAD	53.5	29.9	41.7	- 3.8	71	13	10	5		0	2	20	0	2.13	- 2.76	.68	19	T	0		6	2	0	
SCOTTSVILLE	60.0	36.4	48.2		75	12	21	4+	516	0	0	13	0	2.25		1.08	24	T	0		5	1	1	
SHELBYVILLE 2 W	56.5	32.4	44.5	- .3	71	28	14	5+	633	0	0	16	0	2.26	- 2.57	.53	19	.3	0		8	2	0	
SDMERSET 1 N	57.6	32.1	44.9		76	25	16	5	617	0	0	17	0	2.32		.48	25	T	0		9	0	0	
SUMMER SHADE	57.2	32.3	44.8		74	12	16	5+	628	0	0	17	0	3.08		1.23	13	1.0	0		6	2	1	
WILLIAMSTOWN	51.2	29.2	40.2	- 4.2	71	26	12	6		0	3	20	0	2.83	- 1.63	.54	30	.5	1	1	8	1	0	
WOLF CREEK DAM	57.9	31.3	44.6		78	26	16	5		0	0	19	0	2.34		.55	26	1.0	0		8	1	0	
DIVISION														2.09										
EASTERN DIVISION																								
ASHLAND DAM 29	55.4	31.5	43.5	- 3.4	86	25	18	5	664	0	0	18	0	3.89	- .43	1.59	1	6.5	4	2	8	2	1	
BARBOURVILLE	59.7	32.7	46.2		81	25	15	5	582	0	0	16	0	3.02		1.00	1	5.3			8	2	1	
RAXTER	54.8	30.6	42.7		81	26	15	5+		0	0	18	0	3.95		1.55	1	12.2	8	1			1	
RENHAM	54.5	30.4	42.5		83	26	10	5		0	2	18	0	7.17		3.78	1	18.5	15	1	9	3	1	
BEREA COLLEGE	55.9	33.6	44.8	- 2.3	77	25	17	5	622	0	0	16	0	2.61	- 2.33	.58	13	3.2	1	1	10	1	0	
CORRIN CAA AIRPORT	55.8	31.3	43.6		81	25	14	5	661	0	0	17	0	2.93		.72	13	4.6	14	1	6	2	0	
CYNTHIANA 2																								
DEWEY DAM	56.5	29.6	43.1		86	26	13	2+		0	0	19	0	3.60		1.90	1	7.0	6	1	5	2	1	
FARMERS	55.5M	30.4	43.0M	- 2.4	83	25	13	5	693	0	1	17	0	3.09	- 1.48	1.25	1	6.0	6	1	6	1	1	
GRAYSON	56.2M	30.1M	43.2M		85	25	15	5+	674	0	1	17	0	2.74		.75	1	6.0	6	1	6	3	0	
HEIDELBERG LOCK 14	58.7	31.2	45.0	- .8	83	25	13	5+	618	0	0	16	0	3.08	- 1.84	1.12	1	5.3	5	1	7	3	1	
HINDMAN SETTLEMENT SCH	56.8	27.3	42.1		87	26	7	2		0	0	20	0	5.85		4.20	1	11.5	12	1	7	2	1	
INEZ	58.1	31.5	44.8		86	25	10	2	624	0	0	16	0	3.19		1.29	1	8.0	6	1	6	2	1	
MANCHESTER 4 SE	58.4	31.3	44.9		82	25	12	5	623	0	0	16	0	4.44		1.73	1	8.0	8	1	7	3	2	
MAYSVILLE DAM 33	53.0	28.8	40.9	- 3.9	75	26	16	6		0	1	19	0	4.42	- .06	1.39	1	3.0	3	1	10	3	1	
MIDDLESBORO	59.8	34.2	47.0	- 1.4	80	25	15	7	556	0	0	16	0	4.81	- .49	1.93	1	8.6	5	1	7	3	1	
MOUNT STERLING	56.0	32.1	44.1	- .5	80	25	14	5	641	0	0	15	0			T	0				7			
PIKEVILLE	58.9	34.2	46.6	- 2.4	88	25	16	5	570	0	0	14	0	3.98	- .34	1.66	1	8.8	5	1	7	3	1	
RICHMOND	54.0	32.2	43.1	- 2.9	76	26	15	5		0	0	15	0	3.31	- 1.28	1.32	13	2.0	2	1	6	3	1	
VANCEBORO DAM 32	54.9	30.3	42.6		80	25	14	5		0	1	18	0	3.79	- .84	1.05	1	4.0	4	1	10	2	1	
WEST LIBERTY WATER WKS	56.6	26.6	41.6		75	14+	8	5+		0	0	19	0	3.54		.85	1				7	3	0	
WILLIAMSBURG	59.8	33.6	46.7	- 2.0	83	25	18	5+	567	0	0	16	0	2.11	- 2.72	.54	25	4.5	5	1	6	1	0	
DIVISION														3.78										
STATE																								
														2.73	- 2.04									



# DAILY PRECIPITATION

KENTUCKY  
MARCH 1954

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	1.71			.30	.18															.35	.04			.07	.07	.48				.22			
ADDUPHUS 1 N	2.86	.20		.10	.02									.88	.03					.32				.14	.92	.10	.15				.06	.01	
ALBANY		.76		.11	.04									.33	.06					.12	.08			.24	-	.55	.57						
ALLEN	2.76	.78	.20	.05	.05								.03	.18	.06					.09				.15		.52				.53	.12	*	
ANCHORAGE	1.53	T		.15									.09		.03					.45			T	.14	T	.38				.29	*		
ASHCAMP	3.38	1.04										.03		.43	.23	.06					.60						.65			.30	.10	*	
ASHLAND DAM 29	3.89	1.59	.25	.10	T						.02	.57	.03	.44	T	T					.15	T		.08	T	.24			.42	T	*		
BARROURVILLE	3.02	1.00		.35										.10						.25				.30	.20	.72				.10	*		
BARSTOWN S J PRER SCH	2.40	.47		.09								.06		.13	.02					.48	.41			.06		.31	.60			.34	.03	*	
BAATER	3.95	1.55		.30	.05									*	.80	T					.35			.17	.08	T				.05	T	*	
BEAVER DAM	1.30			.29																.36			T	.04	.10	.43				.06	.02	*	
BEHAM	7.17	3.78	.37	.62	.02	.03							T	.18	.23	.06	.02			.43	.35	.05		.04	.10	.43				.07	.08	*	
BEREA COLLEGE	2.61	.31		.12								.17		.58	T					.28	.14			.22	.03	.35		.08		.23	.04	*	
BEREA WATER WORKS	3.40	1.25			.14							.08		.66	.03	T				T	.32			.23	T	.41				.24	.04	*	
BOWLING GREEN	1.58	.10		.05										.03	.04					.45	.03			.21	.48	.02	.15			.02	T	*	
BOWLING GREEN SURSTA	1.76	.18		.17										.04	.03					.40	.11			.17	.41	.02	.21				.02	T	*
BOWLING GREEN CAA AP	2.07		.18	T										.09	T					.64			.15	.45	.15	.12				.12	T	*	
BRENT DAM 36	2.82	.24		.12	.01						.20	.69		.10	T					.22	.53			.07	.07	.29				.28		*	
BROWNVILLE LOCK 6	1.97	.15		.26										.07						.49	.03			.14	.23		.50			.10		*	
BURDINE 2 NE	3.20	1.15	.70	.25											.60						.05						.55			.25	.15	*	
BURKESVILLE	2.20	.46		.10	T									.11	.02	T				.08	.08	T		.23	.47	.04	.50	T		.11	T	*	
CADIZ LOCK E	2.84			.32																.43				.23	.43	.43						*	
CAMPBELLVILLE	1.41	.16		T										T	.36	.03	T			.33	.07		T	.16	.06	.09				T	.15	*	
CARROLLTON LOCK 1	1.90	.15										.06	.22	T						.40	.10			.20		.37				.40	*	*	
CLERMONT 1 SSE	2.33	.13		.16										T	T	.06				.87				.14	T	.42				.54	.01	*	
COLLEGE HILL LOCK 11	3.79	.99		.11										.04	1.02	.04				T	.18			.22		.47				.72	*	*	
COLUMBIA	2.85	.35	.10	.12	.20									T	T					.20				.70	.22	.70			.10	T		*	
CORBIN CAA AIRPORT	2.93	.39		.28	.01									.72	.03	T				.30			.07	.21	.07	.70				.02	.05	.08	*
COVINGTON W R AIRPORT	2.41	.01		.13	T						T	T	.50	.47	T	.02	T			.82	T		.04	T		.21			T	.21		*	
CUMBERLAND FALLS ST PK	2.75	.42		.25										.31						.15				.27	.28	.40	.41				.08	.18	*
CYNTHIANA	3.25	.35		.03								.05	.07	1.13	.11	T	T			.05	.59			.15		.01	.35			.36	*	*	
CYNTHIANA 2																																*	
DANVILLE	2.07	.20		.09	T									.11	.73	.09	T			.08	.16			.17	T	.15				.28	.01	*	
DELPHIA 1 E	-	-													.25	.34				.32			.17	.02	.52				.11	.05	.09	*	
DEMA	4.06	1.68		.15										.67										.32	.12	.50				.46	.16	*	
DEWEY DAM	3.60	1.90	.03	.03	T									T							.14			.05	T		.47			.52	T	*	
DIX DAM	2.26	.16												T							.39					.15				.48	*	*	
DUNDEE BARRETT'S FORD BR	1.52			.32	.02															.50	.10			.08	.10	.30				.10	*	*	
DUNMOR	1.89			.23	.04										.05					.45				.07	.45	.40				.04	.16	*	
DUNNVILLE	.85	T			T									T							.65									.20	*	*	
EDDYVILLE LOCK F	1.46			.21																.30				.03	.85	.02				.05	*	*	
EDMONTON	2.55	.25	.05		.10										.82	T	T			.13	.48			.20	.35	.12	.35				.20	.08	*
ELKHORN CITY	3.29	1.80	T	.30										T	.25						.14			.17	T	.35						*	
FALMOUTH	3.35	.39		.09	T									.15	.38	.02	.13	T	T		.09	.73	T		.12		.02	.29			.94	*	
FARMERS	3.09	1.25	T	.08	T									.01	.35	.48	.06	T			.03				.16	T	.01	.35			.31	*	*
FLEWINGSPURG	4.06	.76		.13	T									.12	.46	.21	.09	.06	.01		.07	.77			.22		.02	.23			.91	T	*
FORD LOCK 10	2.38	.44		.06	T									.08		.69	.02	T	T		.18			.26	T	.14				.51	T	*	
FORDS FERRY DAM 5D	1.62	.01		.25	T									T	T					.32				.02	.37	.01	.62			.02		*	
FRANKFORT LOCK 4	2.05	.20		.06									.03	T	.19	.04	T			.02	.66			.14	T	.02	.42			.27	*	*	
FRANKLIN WATER WORKS	1.82	T		T	T									T						.25				1.25		.32						*	
FREERURN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
FRECHBURG	4.01	1.41		T	T									.02	1.03	.02	T	T		T	.24			.20	T	.35				.72		.02	*
FREDGETOWN WATER WORKS	2.12	.22		.10										.05	.02	.04	.11			T	.56	.22		.25	.30	.25				.25		*	
GEST LOCK 3	2.48	.22		.04	T									.13	.52						.38	.13			.12		.40			.46	*	*	
GLASGOW	1.65	.25		.25	.04										.02	.02				.40	.06			.18	.38					.03	.02	*	
GLASGOW WKAY	1.42														.05	.03				.55			T	.18	.36	.18							

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
MARCH 1954

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RUSSELLVILLE	3.06			.35										.66						.48				.21	.95	.02	.38					.01
RUSSELLVILLE SUBSTA	2.86			.30										.62						.48				.20	.90	T	.36					
ST JOHN BETHLEHEM ACO	2.13	.13	T																	.68	.30			.12	T	.50						T
SALVISA LOCK 6	2.58	.22	.09	T										.22	.55	T				.22	.55	T		.12	T	.26						T
SALYERSVILLE 2	4.35	1.47	.82								.02	.29	.11	.06	.14	T	.07	.04		.02	.15					.12		.66				.33
SCOTTSVILLE	2.25		.09											.31	.03					.35				.19	1.08	.15						.05
SERREE WATER WORKS	1.59	T	.26	T						.10		T		T						.36			.05	.16		.56						.10
SHAWNEE STEAM PLANT	1.71		.17												T					.20				.16		.63						
SHELBYVILLE 2 W	2.26	.19	T	.15							.02	.05		.15	T					.53	.11			.14	T	.02	.52					.38
SHEPHERSVILLE	1.85	.17	.17											.10						.44	.07			.12		.05	.41					.32
SOMERSET 1 N	2.32	.28	.09	.12								T		.20	.05					.22	.38			.18	.07	.48						.12
SPRINGFIELD	2.15	.30	.10									T		.29						.61				.07		.22						.56
STEARNS 2 N	4.15	.32												.17	1.17					.33				.24	.45	.82						.50
SUMMER SHADE	3.08	.05	.13											1.23	T					.82				.33	.31	.18						.03
SUMMER SHADE SURSTA	3.26	.77	.08	T										1.26	T					.18	.54			.25	.43		.17					.08
TAYLORSVILLE	1.92	.23	.09	T											T	T				.50	.26			.12	T	.10	.38					.24
TOMPKINSVILLE 2	1.71	.10	T								.05									.20				.08	.05	.48						.03
TURKEY CREEK SCHOOL	3.02	.02	.30	.02																.43				.25	1.64	.03	.33					
TYRONE LOCK 5	2.01	.26	.02									T	.07	T	.12					T	.76			.16	T	.03	.16					.43
UNIONTOWN DAM 49	1.16	T	.20										.02							.33				.01	.09	.02	.44					.05
VALLEY VIEW LOCK 9	2.09	.25	.05	T								.05		.57	.05	T				T	.23			.24	T	.10						.55
VANBUREN	2.16	.33									T	T		T	T					.51	.39			.10	.01	.32						.50
VANCEBURG DAM 37	3.79	1.05	.10	.10	.01						.10	.38	.48	.07	T						.34			.14		.05	.42					.55
WAYNESBURG 6 E	2.37	.45	.11	.04									.38							.56				.23	.03	.36						.18
WEST LIBERTY WATER WKS	3.54	.85	.05	.05								.10	.75	T	T					.19				.35	T	.80						.40
WESTPORT	2.22	.08	T								.01	.52		T						.50	.19			.14		T	.40					.38
WILLIAMSBURG	2.11	.45	.34											.35						.05	.06					.54	.20					.12
WILLIAMSTOWN	2.83	.40	.09								.15	.41	.03							.49	.17			.15		.40						.54
WILLOW LOCK 13	2.64	1.12	.20									.05	.11	.04							.16			.22			.46					.25
WOLF CREEK DAM	2.34	.44	.10									T	.25							.02	.20			.26	.33	.03	.55					.16
WOODBURY LOCK 4	1.73	.02	.19	T											.05					.49				.10	.30	.48						.10

# DAILY TEMPERATURES

KENTUCKY  
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Table 5

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ANCHORAGE	MAX	45	56	48	34	38	43	59	59	68	57	57	63	69	48	40	52	57	66	65	54	45	49	52	66	70	57	65	72	68	64	48	55.9	
	MIN	28	26	24	17	14	13	24	27	31	31	39	40	48	28	23	17	22	24	44	36	19	22	38	41	56	40	37	43	49	34	32	31.4	
ASHLAND OAM 29	MAX	43	49	46	34	40	40	40	61	59	68	68	61	47	48	76	37	39	47	53	64	58	60	55	56	65	86	63	62	75	76	70	40	55.4
	MIN	31	25	30	22	18	19	23	27	28	29	37	37	39	36	28	28	25	26	30	44	28	20	20	37	52	49	39	34	47	37	33	31.5	
BARBOURVILLE	MAX	45	51	51	37	36	39	57	66	67	69	72	70	74	73	42	43	56	67	70	65	50	56	55	63	81	62	64	71	75	73	50	59.7	
	MIN	28	18	29	19	15	23	16	24	27	35	40	52	61	40	22	19	18	27	37	31	29	17	42	46	53	44	42	40	38	43	38	32.7	
BARDSTOWN S J PREP SCH	MAX	43	55	55	35	40	43	60	61	68	67	58	71	71	62	42	49	57	67	67	67	45	51	56	67	71	60	68	73	73	70	43	58.5	
	MIN	28	26	26	18	19	19	28	24	31	36	40	42	53	28	18	25	22	28	43	41	26	21	39	44	56	40	39	45	50	34	32	33.0	
BAXTER	MAX	53	33	45	37	33	35	40	55	60	63	68	60	72	70	35	35	46	57	66	59	50	43	52	57	65	81	67	61	69	69	62	54.8	
	MIN	29	17	17	17	15	15	16	17	25	29	35	39	56	34	25	23	21	21	32	46	28	20	26	43	47	47	44	38	38	48	41	30.6	
BEAVER OAM	MAX	45	57	53	36	40	44	63	64	69	67	65	76	75	52	44	50	58	67	69	60	48	52	56	66	70	61	70	73	72	70	46	59.3	
	MIN	28	27	25	20	20	18	26	28	31	38	41	47	50	27	23	21	21	33	48	38	24	24	40	45	56	41	40	45	48	34	34	33.6	
BENHAM	MAX	45	32	50	33	32	36	42	55	60	64	66	63	72	63	33	35	45	56	66	58	48	36	55	56	70	83	65	68	70	70	61	54.5	
	MIN	26	12	16	18	10	14	12	22	27	30	41	42	59	33	24	23	20	23	31	44	28	18	24	45	45	47	40	38	42	49	39	30.4	
BEREA COLLEGE	MAX	39	51	44	33	37	38	60	60	66	61	57	69	72	55	37	46	55	67	60	50	40	54	52	70	77	66	67	74	74	65	37	55.9	
	MIN	27	28	26	19	17	18	25	28	35	39	42	44	52	27	22	21	24	30	49	40	22	22	41	45	55	40	45	44	50	35	31	33.6	
BOWLING GREEN CAA AP	MAX	46	56	36	37	41	45	61	66	70	69	69	74	70	40	43	50	57	68	68	52	47	53	53	69	68	61	68	71	71	49	41	57.1	
	MIN	29	28	23	20	21	25	25	32	34	42	43	51	36	25	22	21	23	30	48	35	26	25	44	48	53	42	43	43	49	38	33	34.1	
CAMPBELLSVILLE	MAX	42	55	52	35	38	40	58	64	65	63	61	70	72	60	40	49	58	66	68	60	43	50	55	64	72	58	66	70	70	66	40	57.1	
	MIN	25	26	25	17	17	17	25	29	38	40	42	46	59	28	21	20	23	34	48	39	23	23	40	46	56	42	40	44	48	35	33	33.8	
CARROLLTON LOCK 1	MAX	46	54	50	34	38	43	60	58	66	65	50	51	66	55	41	49	55	65	64	59	45	48	48	62	70	62	63	71	76	67	46	55.7	
	MIN	30	29	26	17	18	14	27	24	27	34	38	39	42	28	25	19	22	28	40	38	24	21	38	39	60	39	33	40	52	34	28	31.4	
CLERMONT 1 SSE	MAX	46	57	53	37	40	45	62	61	70	65	58	73	71	60	43	51	59	70	67	57	45	51	58	67	70	65	69	73	71	68	47	59.0	
	MIN	22	21	27	17	9	7	18	24	27	31	39	38	51	27	20	13	17	24	41	40	16	17	38	40	53	40	38	44	50	33	32	29.5	
CORBIN CAA AIRPORT	MAX	36	47	46	34	37	39	59	64	65	67	66	73	73	48	36	45	55	66	59	51	42	53	53	64	81	61	63	73	70	63	40	55.8	
	MIN	18	15	24	19	14	22	16	26	29	43	40	49	48	28	20	19	18	28	47	37	24	18	41	46	51	44	41	38	39	39	30	31.3	
COVINGTON W B AIRPORT	MAX	39	50	44	29	33	37	55	55	63	51	44	45	64	35	34	43	53	62	60	46	42	47	48	60	69	51	60	68	69	35	44	49.5	
	MIN	30	28	18	15	16	15	29	26	35	28	35	32	35	25	25	23	25	37	43	27	22	24	37	38	50	39	34	45	34	28	27	29.8	
CYNTHIANA 2	MAX MIN																																	
DANVILLE	MAX	40	41	54	33	35	38	41	59	61	65	62	54	69	69	35	39	48	55	66	63	47	42	52	53	67	73	59	66	72	71	39	53.8	
	MIN	28	28	30	19	17	17	18	30	32	40	40	42	43	28	23	23	25	30	33	44	23	23	28	43	46	43	40	41	49	36	33	32.1	
DEWEY OAM	MAX	55	33	51	39	46	39	49	59	62	68	64	60	64	75	36	37	49	50	68	58	51	40	54	54	74	86	66	64	75	74	53	56.5	
	MIN	31	13	13	21	22	16	24	24	25	30	39	41	43	31	26	23	20	20	31	41	27	18	18	40	41	54	42	33	36	39	35	29.6	
DIX OAM	MAX	40	54	52	34	37	39	59	60	67	63	55	70	69	59	39	47	55	65	62	56	42	52	53	68	74	58	65	72	72	69	42	56.4	
	MIN	27	28	27	16	10	15	23	30	35	38	40	42	57	27	22	22	26	36	49	40	22	23	40	45	55	41	41	43	48	35	33	33.4	
FARMERS	MAX	39	49	47	32	38	39	59	60	65	65	60	57	73	65	36	48	56	66	67	60	43	53	55	72	83	60	65	33	38	36	41	55.5	
	MIN	29	15	30	20	13	17	16	22	26	31	38	40	44	29	26	22	18	29	36	41	25	16	40	38	58	44	37	33	38	36	34	30.4	
FORDS FERRY OAM 50	MAX	48	59	52	36	38	46	62	57	62	64	58	80	74	42	43	49	58	69	69	56	45	48	57	69	69	64	70	73	73	54	47	57.8	
	MIN	27	38	26	20	22	22	30	30	34	41	43	49	46	26	24	26	27	31	50	39	27	30	41	45	59	40	40	50	53	34	35	35.6	
FRANKFORT LOCK 4	MAX	47	44	54	34	35	38	41	60	60	67	67	55	65	70	37	41	51	55	65	64	48	46	51	55	70	72	57	65	72	70	39	54.7	
	MIN	32	27	26	20	17	16	15	25	25	29	36	39	42	30	24	22	20	21	28	48	23	21	21	41	43	43	39	39	44	36	33	29.8	
GLASGOW WKAY	MAX	44	58	54	35	39	45	59	65	67	67	68	74	73	57	41	48	51	67	66	58	46	50	52	63	70	59	67	71	70	67	39	57.7	
	MIN	28	26	28	21	18	24	30	31	36	38	42	49	57	29	23	19	22	29	42	40	23	26	44	23	57	41	43	47					



# DAILY TEMPERATURES

KENTUCKY  
MARCH 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	45	56	54	37	40	43	61	65	68	67	65	73	70	59	42	51	58	67	67	59	52	51	55	63	71	60	68	71	70	70	41	58.7
	MIN	28	24	27	20	17	19	24	29	37	37	42	47	46	30	20	17	20	28	48	40	24	19	42	46	56	42	40	46	50	36	35	33.4
MANCHESTER 4 SE	MAX	38	52	48	35	37	40	59	65	68	67	64	73	74	65	37	44	57	67	60	60	44	55	53	77	82	64	65	73	73	70	41	58.4
	MIN	29	14	28	19	12	16	15	24	26	34	35	46	54	29	24	18	19	26	35	42	26	18	41	44	57	46	41	37	37	41	37	31.3
MAYFIELD 2 S	MAX	49	57	51	37	44	48	61	65	64	65	65	76	76	51	45	50	57	66	66	60	47	47	51	73	73	63	68	68	71	70	48	59.9
	MIN	26	33	25	19	23	27	41	38	38	42	54	59	49	24	22	24	29	33	51	39	27	31	42	45	56	41	42	48	53	33	32	37.0
MAYSVILLE OAM 33	MAX	52	40	50	35	32	37	39	58	63	65	63	59	63	70	35	35	45	50	64	60	48	42	51	50	63	75	55	62	70	69	42	53.0
	MIN	31	24	24	21	18	16	18	25	24	27	31	37	38	32	25	24	23	22	34	42	26	20	20	35	35	44	35	37	37	36	33	28.8
MIDDOLESBORO	MAX	42	49	47	39	41	44	58	67	70	74	70	73	74	63	37	49	60	68	66	58	48	51	61	68	80	70	65	70	70	69	53	59.8
	MIN	29	19	31	20	19	23	15	23	24	33	42	57	60	31	25	23	18	27	37	45	29	17	41	48	54	45	44	41	46	53	41	34.2
MOUNT STERLING	MAX	39	42	49	33	37	38	60	63	66	57	61	60	72	61	37	46	55	68	59	57	43	53	54	72	80	60	65	74	71	65	40	56.0
	MIN	28	31	24	18	14	16	21	28	29	36	38	39	50	27	23	20	25	34	45	39	21	21	40	41	50	42	38	44	47	34	33	32.1
MURRAY	MAX	51	61	60	41	48	50	65	68	70	68	68	79	75	52	47	52	59	69	69	57	50	54	52	73	74	62	72	74	74	71	51	61.8
	MIN	27	34	27	22	25	29	29	33	34	40	56	60	51	26	22	22	26	29	53	39	29	29	45	46	52	44	44	50	53	36	36	37.0
OWENSBORO 2 W	MAX	45	55	52	35	37	44	60	61	67	62	67	75	71	49	43	51	55	66	66	57	50	46	53	66	69	61	70	71	70	66	46	57.6
	MIN	29	33	29	20	22	21	30	33	34	39	41	46	49	28	24	24	25	33	48	38	24	27	38	54	64	39	40	46	50	34	32	35.3
PAOUCAH CAA AIRPORT	MAX	48	59	35	36	43	42	64	62	65	68	63	77	69	40	44	50	56	66	65	48	47	50	50	73	73	56	69	69	72	39	48	56.2
	MIN	26	32	25	21	23	28	33	35	36	42	45	51	32	27	22	22	26	30	49	38	28	30	40	47	51	41	42	51	38	35	34	34.8
PAOUCAH	MAX	47	48	60	35	37	43	47	64	63	67	67	65	80	64	42	45	52	59	68	68	48	48	50	72	70	57	70	71	71	73	39	57.2
	MIN	27	28	29	22	22	24	30	33	33	33	43	43	54	27	24	21	23	28	32	46	28	27	36	40	47	42	42	44	50	35	33	33.7
PIKEVILLE	MAX	35	52	37	39	42	43	61	66	70	69	59	66	76	59	40	50	58	70	60	58	48	56	55	77	88	70	65	78	77	58	44	58.9
	MIN	33	19	32	24	16	19	18	26	29	39	41	44	50	33	29	25	22	31	38	45	31	21	43	44	55	50	44	37	40	44	39	34.2
PRINCETON	MAX	49	59	55	39	44	44	69	67	61	69	67	81	75	52	41	53	60	69	68	58	51	52	54	68	72	62	72	73	72	69	49	60.5
	MIN	24	27	26	20	20	20	21	29	29	39	40	49	46	27	18	15	19	25	53	37	25	22	38	46	57	38	41	46	49	35	34	32.7
RICHMONO	MAX	50	40	51	33	34	38	42	59	60	65	60	56	70	69	34	37	47	54	66	61	54	42	53	51	67	76	59	64	72	71	40	54.0
	MIN	28	18	21	19	15	16	25	30	33	38	41	42	46	28	23	20	23	30	43	47	23	20	33	43	48	43	39	43	49	36	34	32.2
RUSSELLVILLE	MAX	48	58	55	38	46	46	63	67	72	69	71	77	72	42	44	50	59	68	70	58	47	54	54	68	70	62	69	74	73	68	43	59.8
	MIN	29	29	26	20	22	24	27	36	34	39	48	54	36	28	22	22	23	28	48	39	26	29	43	46	55	41	42	46	46	39	35	34.9
ST JOHN BETHLEHEM ACAA	MAX	40	43	55	31	32	37	41	59	61	67	58	55	71	67	37	40	48	55	66	65	46	44	48	57	70	68	56	70	68	68	38	53.5
	MIN	25	26	26	12	10	12	18	30	31	32	38	40	42	26	21	18	22	28	40	43	22	24	28	40	42	39	39	41	48	32	31	29.9
SCOTTSVILLE	MAX	46	60	56	37	41	44	58	68	69	71	70	75	73	59	42	49	67	69	67	66	48	55	53	64	71	61	69	72	71	68	40	60.0
	MIN	30	32	27	21	21	26	27	33	35	43	47	50	53	29	23	21	24	33	50	40	26	26	44	48	57	43	44	45	49	39	36	36.4
SHELBYVILLE 2 W	MAX	44	53	52	34	37	41	59	59	67	63	60	62	68	60	39	49	56	66	64	61	44	48	54	65	70	60	65	71	69	67	46	56.5
	MIN	28	27	26	17	14	14	25	29	33	34	34	38	40	28	23	21	23	32	46	39	22	23	38	41	58	40	37	44	49	33	32	32.4
SOMERSET 1 N	MAX	45	55	55	36	38	41	59	64	66	68	65	72	71	56	39	47	56	68	60	57	44	54	53	63	76	63	64	72	73	65	40	57.6
	MIN	26	19	28	18	16	21	20	26	29	38	41	46	55	29	20	18	19	27	47	28	24	20	40	45	54	46	42	42	40	38	34	32.1
SUMMER SHADE	MAX	44	57	49	35	39	42	60	61	67	69	70	74	72	53	41	48	58	67	57	58	45	47	53	64	72	60	67	72	71	64	38	57.2
	MIN	25	26	25	18	16	21	22	28	31	37	46	52	53	26	20	16	21	27	46	34	24	23	40	45	51	40	47	41	45	33	29	32.3
VANCEBURG DAM 32	MAX	41	50	45	30	37	38	58	55	65	61	50	47	72	62	37	46	54	63	60	59	42	50	51	65	80	62	61	73	71	70	44	54.9
	MIN	28	21	27	19	14	15	23	23	31	29	35	34	42	27	25	23	21	31	41	39	23	20	38	34	51	42	35	35	50	34	30	30.3
WEST LIBERTY WATER WKS	MAX	52	45	47	45	42	38	40	60	60	62	62	60	61	75	40	42	50	58	69	60	50	54	55	58	70	75	70	65	70	70	50	56.6
	MIN	35	10	15	10	8	8	10	20	25	30	35	36	37	28	20	20	24	28	40	35	22	12	20	35	45	30	35	40	45	38	30	26.6
WILLIAMSBURG	MAX	40	50	54	37	38	42	61	67	68	74	72	75	75	60	38	49	59	68	64	63	46	53	59	62	83	68	64	70	74	70	50	59.8
	MIN	29	28	28	19	18	24	18	25	27	39	41	55	59	30	23	23	29	27	37	34	26	19	41	47	57	46	43	42	39	43	36	33.6
WILLIAMSTOWN	MAX	37	41	49	30	31	35	40	56	58	63	62	60	61	66	32	37	47	54	62	60	41	42	47	69	69	71	54	64	70	65	35	51.2
	MIN	25	28	25	17	18	12	19	29	36	37	33	36	30	20	18	20	21	30	32	39	22	24	25	37	44	45	36	40	49	30	27	29.2
WOLF CREEK OAM	MAX	44	44	56	37	38	41	44	61	66	66	71	69	73	73	39	41	49	57	70	65	53	47	57	53	69	78	64	67	75	74	55	57.9
	MIN	30	26	26	23	16	18	18	19	28	28	39	42	50	31	24	19	19	21	29	46	27	22	23	44	49	48	45	39	39	45	37	31.3

## EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WOLF CREEK DAM	EVAP WIND	.05 70	.06 42	.18 97	* 121	* 60	* 30	* 39	.44 24	.04 10	.17 37	.10 17	.04 17	.17 61	.09 85	* 100	* 69	* 18	.41 26	.16 43	.06 101	.11 84	.07 46	.15 14	.01 9	.04 45	.05 56	.25 31	.09 66	.16 20	.19 49	.04 58	3.13 1545

# SNOWFALL AND SNOW ON GROUND

KENTUCKY  
MARCH 1954

Table 7

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ASHLAND DAM 29	SNOWFALL SN ON GND	2.0 2	4.5 4		T										T	T	T																	
BENHAM	SNOWFALL SN ON GND	14.5 15	1.0 12	T 4	2.0 4	2	1	T							T T	T T	1.0 T																	
BOWLING GREEN CAA AP	SNOWFALL SN ON GND		T	T										T	T																			
CORBIN CAA AP	SNOWFALL SN ON GND	4.0 14		.2 5	.4 T										T	T																		
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.1 1		.3 T	.1 T								T	T	T T	.1 T				T												T		
DANVILLE	SNOWFALL SN ON GND	1.0 1		T											T																			
DEWEY DAM	SNOWFALL SN ON GND	6.0 6	1.0 5	T 1	T T												T T																	
FARMERS	SNOWFALL SN ON GND	6.0 6	T 3	T T		T	T								T	T																		
FORDS FERRY DAM 50	SNOWFALL SN ON GND			T T											T T																			
HEIDELBERG LOCK 14	SNOWFALL SN ON GND	4.9 5	.4 3	T T	T T	T	T										T T																	
HINDMAN SETTLEMENT SCH	SNOWFALL SN ON GND	11.5 12		T													T																	
IRVINGTON	SNOWFALL SN ON GND			T T												T																		
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T 1		T T											T T	T T				T														
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV			T											T T								T											
MAMMOTH CAVE PARK	SNOWFALL SN ON GND			T T											T T																			
MAYSVILLE DAM 33	SNOWFALL SN ON GND	3.0 3		2 T	T												T T																	T
MIDDLESBORO	SNOWFALL SN ON GND	8.6 5		2 T	T T	T T	T									T T	T																	
MURRAY	SNOWFALL SN ON GND			T T																														
OWENSBORO 2 W	SNOWFALL SN ON GND			T												T																		
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND		T	T											T																			T
PIKEVILLE	SNOWFALL SN ON GND	8.8 5		T T												T T	T T																	
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND			T																														
SCOTTSVILLE	SNOWFALL SN ON GND			T																														
WILLIAMSTOWN	SNOWFALL SN ON GND	.5 1		T																														
WOLF CREEK DAM	SNOWFALL SN ON GND	1.0																																

# STATION INDEX

KENTUCKY  
MARCH 1954

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADDISON DAM 45	0031	BRECKINRIDGE	7 37 55	86 34	950	6A			CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	MID		U.S. WEATHER BUREAU	2 3 5 7
ADDIPLINUS 1 N	0032	ALLEN	3 36 39	86 16	600	7A			JOEL M. DEARING	3	C	LIBERTY	4755	CASSE	3 37 21	84 55	772	MID		JULIUS M. RANIN	3
ALBANY	0063	CLINTON	2 36 42	85 07	950	7A			MRS. BARBARA M. COOL	3	C	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 45	84 35	580	6A		CORPS OF ENGINEERS	3
ALLEN	0095	FLOYD	1 37 55	82 43	650	8A			MANITE ADLER	3	C	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	485	6A		CORPS OF ENGINEERS	3
ANCHORAGE	0153	JEFFERSON	7 38 16	85 33	700	7P			C. E. BARRET	2 3 5	C	LOGGICK 1 S	4923	CLARK	4 37 51	84 02		MID		MRS. H. BURGER	3
ASHCAM	0246	PIKE	1 37 16	82 26	1100	8A			MARY S. RATLIFF	3	C	LONDON 3 SW	4895	LAUREL	2 37 06	84 08	1217	MID		U.S. FOREST SERVICE	3
ASHLAND DAM 29	0254	BOYD	7 38 27	82 36	551	6P			CORPS OF ENGINEERS	2 3 5	7	LOUISVILLE WB AP	4903	LAWRENCE	3 37 07	82 37	544	6A		JULIUS M. RANIN	3
BARBOURVILLE	0301	KNOX	2 36 52	83 53	1000	6P			UNION COLLEGE	2 3 5	C	LOUISA 2	4946	LAWRENCE	1 37 07	82 37	600	7A		EDDIE L. YOUNG	3
BARSTOWN S.J. PREP SCH	0399	NELSON	2 37 48	84 28	631	6P			ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE BOWMAN FLD	4951	LAWRENCE	7 38 13	85 40	558	MID		U.S. WEATHER BUREAU	2 3 5 7
BAKER	0450	HARLAN	2 36 51	83 20	1164	7A			C. MONER NOLAN	2 3 5	C	LOUISVILLE UPPER GRADE	4954	JEFFERSON	7 38 17	85 48	429	6A		CORPS OF ENGINEERS	3
BEAVER DAM	0540	OHIO	3 37 25	86 52	441	6P			E. G. YOUNG	2 3 5	7	LOUISVILLE WB CITY	4956	JEFFERSON	7 38 15	85 46	457	MID		U.S. WEATHER BUREAU	2 3 5
BENHAM	0595	HARLAN	2 36 50	82 57	1580	8A			C. C. WHITEAKER	2 3 5	7	LOVELACEVILLE	4967	BALLARD	6 36 50	88 30	370	6P		BLAINE MALONE	2 3 5
BENTON	0611	MARSHALL	9 36 51	80 20		MID			JAMES H. MILLER	2 3 5	C	LOWESSBORO RR STA	5326	BARREN	3 36 53	86 02		MID		WILLIAM E. FOSTER	2 3 5
BEREA COLLEGE	0619	MADISON	4 37 34	84 18	1070	6P			JAMES A. GROSSMAN	3	C	MADISONVILLE 1 SE	5067	HOPKINS	3 37 19	87 29	435	5P		MONER WELBORN, JR.	2 3 5
BEREA WATER WORKS	0624	MADISON	4 37 34	84 16	1100	7A			MRS. L. B. GAFFARD	3	C	MANHOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	600	5P		NATIONAL PARK SVC	2 3 5
BOWLING GREEN	0924	WARREN	3 37 00	86 26	536	7A			JAMES R. EDWARDS	3	C	MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850	6P		NORA S. WHITE	2 3 5
BOWLING GREEN SUBSTA	D907	WARREN	3 37 01	86 26	470	7A			TVA-639	2 3 5	7	MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364	5P		TVA-5-A	2 3 5
BOWLING GREEN CAA AP	D909	WARREN	3 36 50	86 26	555	MID			CIVIL AERO. ADM.	2 3 5	7	MAYFIELD 2 S	5234	GRAVES	2 36 37	83 43	1130	5P		MRS. JOE PAYNE	2 3 5
BOWLING GREEN WTR WKS	D914	WARREN	3 37 00	86 26	505	MID			CITY BOWLING GREEN	3	C	MAYFIELD DAM 33	5243	MASON	7 38 38	83 42	524	6A		CORPS OF ENGINEERS	2 3 5 7
BRENT DAM 36	0978	CAMPBELL	7 39 03	84 25	497	7A			CORPS OF ENGINEERS	3	C	MC KEE	5291	JACKSON	2 37 26	84 03	1000	7A		MRS. WINNIE E. MORAN	3
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A			STINSON SKAGGS	3	C	MC KINNEYSBURG	5301	PENDELTON	5 38 36	84 16	654	5P		EDWARD C. GIFFORD	2 3 5
BURDINE 2 NE	1120	PIKE	1 37 13	82 35	1643	6A			EDWIN E. JOHNSON	3	C	MIDDLEBORO	5308	BELL	2 36 57	83 45	1150	5P		LOW L. HERRELL	2 3 5 7
BURGIN DIA DAM	1112	MERCER	4 37 43	84 43	770	4P			C. W. WILLIAMS	CLOSED 11/59		MIDWATER	5336	BELL	2 36 37	83 43	1130	5P		SNEED C. FRIAR	3
BURKESVILLE	7137	CUMBERLAND	2 36 46	85 22	600	7A			MARVIN M. LEE	3	C	MIDWATER	5407	BOURBON	3 38 08	84 09		MID		DAVID C. BAILEY	3
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	424	7A			CORPS OF ENGINEERS	2 3 5	C	MILLERSBURG	5430	BOURBON	3 38 17	86 03	580	7A		MRS. O. M. LAHLER	3
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	777	6P			ALVA MC KINLEY	2 3 5	C	MILLERTOWN	5438	GRAYSON	3 37 27	86 03	580	7A		LOTIA ORA HOOPER	2 3 5
CARROLLTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	6A			CORPS OF ENGINEERS	2 3 5	C	MILWAUKEE	5440	GRAYSON	3 37 11	83 26	770	MID		H. C. HAGAN	2 3 5
CENTRAL CITY	1601	WHITLEY	2 36 48	84 08	1173	6P			BERNHHEIM FOUNDATION	2 3 5	C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	84 56	930	5P		FRED CARTMILL	2 3 5
CLERMONT 1 SSE	1611	BULLITT	8 37 55	85 40	474	5P			WOODSON D. FRANKLIN	3	C	MURFORD	5684	MONTGOMERY	3 37 16	85 53	600	6P		HUBERT E. MORGES	2 3 5 7
CLINTON	1631	HICKMAN	6 36 41	89 00	370	MID			CORPS OF ENGINEERS	3	C	MURRAY	5694	CALLOWAY	9 36 36	88 20	600	6P		MURRAY WATER SYSTEM	2 3 5 7
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A			MRS. HAZEL B. PICKETT	2 3 5	7	MURRAY	5702	CARTER	7 37 18	83 11	752	6P		LOTTA ORA HOOPER	2 3 5
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	MID			CIVIL AERO. ADM.	2 3 5	7	OLNEY	6020	HOPKINS	3 37 14	87 47	360	6A		ART D. WILLIAMS	2 3 5
COBBIN LAA AIRPORT	1801	WHITLEY	2 36 48	84 08	1173	MID			U.S. WEATHER BUREAU	2 3 5	7	ONEONTA DAM 35	6033	CAMPBELL	7 38 58	84 18	497	6A		CORPS OF ENGINEERS	3
COVINGTON WB AIRPORT	1969	WHITLEY	3 36 50	84 19	1070	5P			KY DEPT OF CONS.	3	C	OWENSBORO 2 W	6091	DAVIESS	7 37 46	87 09	420	6P		CLARK	2 3 5 7
CUMBERLAND FALLS ST PK	1989	HARRISON	5 38 23	84 18	1074	7A			MARSHALL HILL	2 3 5	7	OWENSBORO DAM 48	6096	DAVIESS	7 37 47	87 08	404	6A		CORPS OF ENGINEERS	2 3 5
CYNTHIANA	2003	HARRISON	5 38 23	84 17	960	6P			MARSHALL C. HILL	2 3 5	7	PADUCAH CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	388	MID		CIVIL AERO. ADM.	2 3 5
CYNTHIANA	2004	BOYLE	4 37 39	84 46	955	7A			R. P. COLDIRN	2 3 5	7	PADUCAH	6115	MC CRACKEN	7 37 06	88 37	340	6A		WESTERN P. LACKEY	2 3 5
DAVELLA	2053	MARTIN	1 37 48	82 32	718	7A			BERTHA DE LONG	3	C	PADUCAH ARMY	6117	MC CRACKEN	7 37 05	88 45	324	MID		CITY OF PADUCAH	3
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1647	7A			GENE T. HILTON	3	C	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	640	7A		JESSE FAIRCHILD	3
DEMA	2139	KNOTT	1 37 25	82 48	850	7A			HATTIE B. BARNEY	2 3 5	6	PIEDMONT	6139	PIKE	3 37 29	83 31	686	5P		U.S. WEATHER BUREAU	2 3 5
DIX DAM	2140	FLOYD	1 37 25	82 47	653	7A			CORPS OF ENGINEERS	2 3 5	6	PIKEVILLE	6139	PIKE	3 37 29	83 31	686	5P		F. PARTIN	2 3 5
DUNDEE BARRETS FORD BR	2214	MERCER	4 37 40	84 43	917	4P			C. W. WILLIAMS	2 3 5	6	PIKEVILLE	6139	PIKE	3 37 29	83 31	686	5P		ALTON M. HARVILL	2 3 5
DUNMORE	2358	OHIO	3 37 33	86 43	450	5P			J. L. HUFF	3	C	RAVENHUA LOCK 12	6679	ESTILL	4 37 40	83 57	640	7A		THOMAS C. HERMOND	2 3 5
DUNNVILLE	2366	MULLENBERG	3 37 05	87 00	610	7A			N. D. GIVENS	3	C	RICHMOND	6685	MADISON	3 37 44	84 18	1054	8A		ST. MARY COLLEGE	3
DUNNVILLE	2366	MULLENBERG	3 37 05	87 00	610	7A			N. D. GIVENS	3	C	RICHMOND	6685	MADISON	3 37 44	84 18	1054	8A		ST. MARY COLLEGE	3
EDDYVILLE LOCK F	2445	LYON	2 37 03	88 05	420	7A			CORPS OF ENGINEERS	3	C	RUSSELLVILLE	7049	LOGAN	3 36 51	86 53	590	6P		WM. B. PORTER	2 3 5
EDMONTON	2459	METCALFE	2 37 03	88 05	37	7A			JOHN E. MORAN	3	C	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	6P		TVA-683	3
ELKHORN CITY	2558	PIKE	1 37 17	82 21	800	7A			MRS. KELSIE CAMPBELL	3	C	SALISVILLE 2	7134	MAGOFFIN	5 37 45	83 04	900	7A		STANLEY WILSON	3
FALMOUTH	2775	PENDELTON	5 38 40	84 20	560	6P			FRANK H. LAWSON	2 3 5	7	ST JOHN BETHLEHEM ACAD	7091	HARDIN	8 37 42	85 59	777	7A		SISTER M. MELITINA	2 3 5
FARMERS	2781	ROMAN	3 37 03	83 39	868	6P			MRS. C. STAMPER	2 3 5	7	ST MARY	7098	MARION	8 37 35	85 21	730	MID		ST. MARY COLLEGE	3
FLEMINGSBURG	2903	FLEMING	5 38 25	83 43	870	7A			MRS. JEAN FLEMING	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FLEMINGSBURG	2903	FLEMING	5 38 25	83 43	870	7A			MRS. JEAN FLEMING	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FORD LOCK 1 D	2953	MADISON	4 37 33	84 15	593	6A			MAURICE B. CARPENTER	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	356	6A			CORPS OF ENGINEERS	2 3 5	7	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FRANKFORT LOCK 4	3028	FRANKLIN	4 38 13	84 52	504	6A			CORPS OF ENGINEERS	2 3 5	7	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FRANKLIN WATER WORKS	3036	SIMPSON	3 36 43	86 34	691	7A			HERMAN D. NEAL	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FREIBURN	3048	PIKE	1 37 34	82 20	727	7A			JOHN E. TANNER	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
FRENCHBURG	3052	MEHIFEE	5 37 57	83 39	930	7A			FRENCHBURG SCHOOL	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A		CORPS OF ENGINEERS	3
GEORGETOWN WATER WORKS	3194	SCOTT	4 38 12	84 33	880	8A			JOE W. ATKINS	3	C	SMITHFIELD 4 S	7473	SHELBY	8 30 20	85 16	862	MID		F. W. SIMPSON	2 3 5
GEST LOCK 3	3203	HMRY	4 38 25	84 53	490	7A			CORPS OF ENGINEERS	3	C	SOMERSET	7508	PULASKI	2 37 06	84 37	1050	6P		CORPS OF ENGINEERS	3
GLASGOW	3241	BARREN	3 37 00	85 55	700	6P			EMILY M. BEAN	3	C	SOMERSET 1 N	7510	PULASKI	2 37 07	84 37	1050	6P		RADIO STA WSCF	2 3 5
GLASGOW WKAY	3246	BARREN	3 37 00	85 55	700	6P			RADIO STATION WKAY	2 3 5	6	SPRINGFIELD	7604	WASHINGTON	8 37 41	85 14	738	7A		WM. H. COATLEY	2 3 5
GLENDALE	3252	HARDIN	3 37 36	85 55	700	6P			DAVID W. BELL	3	C	STEARNS 2 N	7677	MC CREARY	2 36 43	84 29		7A		FAYE PAULINE SMITH	3
GOLDEN POND - N	3295	TRIGG	2 36 54	88 00		4P			FISH & WILDF REFUGE	2 3 5	C	SUMMER SHADE	7800	METCALFE	3 36 53	85 43		6P		CMS. H. MC MURFREY	2 3 5
GRANT DAM 38	3356	BOONE	7 38 59	84 49	506	6A			CORPS OF ENGINEERS	2 3 5	C	SUMMER SHADE SUBSTA	78								



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 68° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch-water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 5/3/54 --- 800



51.05  
ZUNKE  
Vol. XLIX 4

Nat. Hist.

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY

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UNIVERSITY OF ILLINOIS

APRIL 1954  
Volume XLIX No. 4



CHATTANOOGA: 1954

NAT.  
HIST.



O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

In contrast to April of last year which was unusually cold, April 1954 was exceptionally warm. The average temperature for the state was the second highest for April since the beginning of records and the highest since 1896. Throughout most of the month, both daytime and nighttime temperatures were well above those expected at this time of the year. With the exception of the first few days, frost or freezing temperature was a rare occurrence. Maximum daily temperatures in the 80's were rather frequent. Precipitation averaged below normal but amounts were generally sufficient for most farm activities. Only a very few locations recorded any snowfall and the amount at these locations did not exceed a trace, with none remaining on the ground. As a result of numerous thunderstorms, there was considerable damage to property, mainly due to the destructive effects of lightning and wind. Except for the first week of the month, the warm weather was unusually favorable for spring farm work and plant growth.

The temperature averaged from 3° to 8° above normal in all parts of the state with the three divisions showing an almost equal excess. The month opened rather cold with a state-wide hard freeze on the morning of the 1st. This cold spell continued for four days but by the afternoon of the 5th temperatures at many locations were in the 80's. It was during this early period that all locations recorded their lowest reading for the month. From the 5th to the end of the month with but few exceptions temperatures were more typical of the middle and end of May than of April. Average daily departures showed plus departures of as much as 16° during this warm spell. The interval of the 20th through the 27th was the warmest of the month with several stations reaching at least 80° on each day. Practically all locations reached their highest temperature for the month during this period. The mean temperature for the state was 61.9° which is 5.7° above normal. The monthly mean temperature ranged from 64.8° at Murray to 58.2° at Frankfort Lock 4 and Williamstown. The highest temperature for the month was 91° at Pikeville on the 20th; the lowest was 19° at Clermont 1 SSE and Williamsburg on the 1st.

Precipitation averaged about 1/4 inch below normal with 22 days in which some rain was reported from one location or another. Generally rainfall was well

distributed in most areas, even though the falls were mostly in the form of showers. The largest falls were reported in a three-county area in the extreme south-central with amounts of 6 to 8 inches and the smallest amounts were in the extreme north and east with totals of from 1-1/2 to 3 inches. During the first 5 days scattered showers were reported from most sections with greatest totals recorded on the afternoon and night of the 5th from stations near the Ohio River. Showers or scattered thunderstorms were reported from some sections of the state on 5 of the following 7 days with general rainfall on the 6th and again on the afternoon and night of the 10th. Totals during this period were the largest recorded at individual stations since the end of February. The following week again saw numerous showers with most stations recording totals between 1 and 2 inches with the extreme east receiving lesser amounts. The balance of the month was characterized by widely scattered showers or thunderstorms with a wide variation in total amounts. The average precipitation for the state was 3.73 inches which is 0.22 inch below normal. The total amounts recorded at the various locations ranged from 8.04 inches at Glasgow WKAY to 1.62 inches at Brent Dam 36. The heaviest rainfall in any 24 hours was 3.01 inches at Summer Shade reported on the 16th. The monthly average of snowfall was a trace.

Three-day rainfall from showers and thunderstorms averaged near 2 inches over the Green River valley during the period April 15-17. This rainfall resulted in a rise on the Green River but flood stage was reached only at Woodbury. No flood damage resulted from this rise.

Except for the first week, the warm weather was unusually favorable for spring work and plant growth. Surface moisture was mostly adequate for growth and the rains only temporarily checked field work in most areas. Progress with farm work and growth of vegetation were more advanced than usual by the end of the month. During the month, pastures improved phenomenally as a result of the favorable weather. Tobacco beds were in good condition and plants were well advanced. Much corn had been planted as well as cotton, soybeans, and annual grasses. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
APRIL 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSW	21	13.3	-	-	-	78	80	53	60	3	4	8	0	1	0	14	-	8.3
LOUISVILLE WB AP	SW	16	9.8	50	SW	26	75	81	53	58	3	7	6	0	1	0	16	69	8.0

# COMPARATIVE DATA

APRIL

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	
1889	57.0	89	24	1.61	-	
1890	57.0	92	28	4.04	-	
1891	58.0	92	24	2.52	-	
1892	56.0	88	22	7.12	-	
1893	58.0	94	21	6.99	-	
1894	56.0	94	23	3.54	-	
1895	57.2	94	22	3.18	-	
1896	63.6	96	24	1.65	-	
1897	55.5	90	25	6.03	T	
1898	52.4	86	19	3.38	1.1	
1899	57.2	96	20	3.16	0.3	
1900	56.2	90	15	2.15	T	
1901	50.9	91	23	4.01	2.6	
1902	54.2	93	22	2.65	0.1	
1903	55.4	90	22	4.43	T	
1904	50.8	85	16	2.83	1.7	
1905	56.7	91	23	3.00	0.2	
1906	59.5	94	23	1.40	0	
1907	48.2	87	19	2.78	0.2	
1908	59.8	89	23	6.56	0.8	
1909	56.1	96	21	5.98	T	
1910	55.4	88	23	5.14	0.7	
1911	53.8	90	20	7.06	T	
1912	58.4	87	25	7.90	T	
1913	55.3	89	27	2.73	T	
1914	55.7	91	13	3.62	T	
1915	60.1	96	17	0.96	0	
1916	54.0	89	23	2.64	1.4	
1917	55.8	90	19	5.02	0.5	
1918	53.9	87	25	4.07	0.3	
1919	56.7	89	19	3.51	0	
1920	50.8	89	22	6.16	0.2	
1921	58.2	90	22	4.09	T	
1922	59.5	88	25	4.25	0	
1923	54.8	90	13	4.88	0	
1924	57.4	93	19	3.41	0.1	
1925	61.2	98	23	3.16	0	
1926	51.6	87	16	3.17	T	
1927	58.7	92	22	6.39	T	
1928	52.9	83	21	4.20	0.6	
1929	60.1	90	23	3.57	0	
1930	58.9	94	21	1.31	0	
1931	55.9	89	25	4.52	0.1	
1932	56.4	86	25	3.88	T	
1933	55.7	87	27	4.74	0	
1934	56.9	90	24	2.16	T	
1935	55.3	92	24	4.42	T	
1936	53.1	90	19	4.79	0.1	
1937	55.9	91	22	4.38	0	
1938	59.3	91	22	2.85	T	
1939	53.7	91	21	6.07	T	
1940	54.1	89	19	4.88	0.1	
1941	60.0	93	27	2.89	0	
1942	58.1	95	18	3.01	T	
1943	54.1	87	20	3.93	T	
1944	55.6	89	17	4.73	0.2	
1945	58.6	89	22	4.36	0	
1946	59.6	92	24	2.13	T	
1947	58.0	90	28	4.84	T	
1948	60.4	94	24	5.49	0	
1949	53.9	88	22	3.52	T	
1950	52.3	91	17	2.98	T	
1951	53.8	92	23	3.30	0.4	
1952	55.8	91	22	2.72	T	
1953	53.6	94	22	3.90	0.3	
1954	81.9	91	19	3.73	T	

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
APRIL 1954

TABLE 2

Station		Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
											Max.	Min.	30° or Above	32° or Below					32° or Below	30° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	16 or More	50 or More	1.00 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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# DAILY PRECIPITATION

KENTUCKY  
APRIL 1954

Table 3

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ADDISON OAN 45	2.91				.02	.17	.01	.83	.10			.25	.03			.20	.37	.43					.20					.25			.05				
ADOLPHUS 1 N	4.69							.74	.50	T		.52	.05			.30	1.35	.75					.08				.07		.35			.24			
ALBANY	5.02				.12			.33	.29			.25	.33			.51	.38	1.03					.08	.86		.06						.33			
ALLEN	2.57	.38						.15	.12			.13	.22				.10	.60										.12	.36		.08	.15			
ANCHORAGE	2.85					.31	.32				.14	.03				.04	.06	1.10					T	.16			.12	.30			.08	.15			
ASHCAMP	2.81			.18			.13		.10	.16		.50	.10					.58					.05	.38			.10	.07	.46						
ASHLAND OAM 29	2.99	.02				.76	.36		.15	.02		.02	.15			.05	.27	.65					.05	.22					.10	.10		.07			
BARBURVILLE	3.33	.20			.25			.85				.20	.05				.57						.10					.12	.90		.09				
BARSTOWN S J PREP SCH	3.79					T	.41		.15		.01	.29					1.78	.07					.13		.01	.12	.04	.57	.10	.24					
BAXTER	2.93	.12				.18		.50	.05	.25	T	.10					.05	.65	.05					.13	.55					.30					
BEAVER DAM	4.05				.05	.15	.59		.45		T	.19				.09	1.63						.16	.01				T	.37	.01	.35				
BENHAN	3.53	.17			.10	.05	T	.35	.33	.06		.12	.05				.10	.87						.12	.80		.03	.06	.44						
BEREA COLLEGE	3.21				.02		.10		.37			.26					1.39	.28					.05	.17				.02	.38			.15			
BEREA WATER WORKS	4.24	.21						.13	.47			.05	.23				.47	1.23						.03	.16	.5	.02	.08	.98			.15			
BOWLING GREEN	3.89	.03			.05			.61	.32			.30	.03				.52	.35						.41	.12				.47	.07					
BOWLING GREEN SUBSTA	4.36	.12			.12	.03		.72	.50			.08	.32				.52	.62	.56					.27					.42	.08					
BOWLING GREEN CAA AP	4.40				.08		.50	.26	.07		.19	.29				.61	.12	.97					.34	.64				.28	T	.01	.04				
BRENT DAN 36	1.62						.12	.03	.03			.04	.07				.21	.78					.07	.02											
BROWNVILLE LOCK 6	4.66				.23			.85	.47			.42	.04			.68	.85	.43					.15				.18		.30			.06			
BURDINE 2 NE	2.00	.20						.25	.08	.35		T	.25					.62							.10		.15								
BURKESVILLE	5.02	.10	T		.05	.05		.54	.11	T		.34	.10			.31	.99	1.27	T	T				T	.40				.69	.07					
CADIZ LOCK E	3.60	.05					.15	.78	.06			.21				.12	1.05	.20					.17	.23					.51	.06	.01				
CAMPBELLVILLE	4.30				.16		.22		.29			.29				.08	.06	1.94	.15		T			.98				.07	.03	.03	T				
CARROLLTON LOCK 1	1.69							.07	.03			.12	T				.35	.65										.20	.05			.27			
CLERMONT 1 SSE	3.49				.01	.54		.14			.03	.19					.17	1.27					.06	.14		.14	.02	.24	.49			.17			
COLLEGE HILL LOCK 11	3.11	.12					T			.05	.50						.55	1.00						.12					.24			.15			
COLUMBIA	5.98				.17							.22	.10			.21	2.40	.87							.25			1.54		.12					
CORBIN CAA AIRPORT	2.32				.15		.02		.17			.22					.94	.26					.10	.10		.25			.02	.29	.03	.22			
COVINGTON W B AIRPORT R	2.55		T	T		.24		.09	.03	T		.04	.25				.03	.45	.79					.41	.02			.16	.01	.02	.01				
CUMBERLAND FALLS ST PK	2.65				.22		.06		.30			.02	.01			.01	.05	.84	.54					.06			.02		.39	.11			.51		
CYNTHIANA	3.69						T		.32			.07					.71	1.32						.20					.56						
CYNTHIANA 2														T	T		1.00	.89	T				.30	T	T		T	.03	.46	.40	.80				
DANVILLE	5.01	.14			.01			.05	.51			.06	.33			T		.82	.65					.13	.31			T	.07	.12		.01			
DELPHIA 1 E	3.13			.18			.24	.19	.29			.11					.95	.10						.54	.10			.10	.38			.05			
DENA	2.19						.12		.20			.21					.20	.40					.16	.49				.12	.10	.19					
DEWEY OAM	1.65	.12						.03	.27	.05			.05					.10						.19	.03	.07		.12	.52			.11			
OIX DAN	4.60	.12						.07	.29			.24	.28				1.48	1.11						.35	.25			.13		.28					
DUNDEE BARRETT'S FORO BR	4.10	.05			.10		.15	.75	.25			.24				.12	1.35	.48										.27	.04						
DUNNVILLE	3.71							.96	.12			.19	.18				.90	.42										.40	.08		.10				
	3.92							.40					.25				1.40	.68							.72				.47						
EDDYVILLE LOCK F	3.26						.05	1.12	.09			.25	.02			.12	.56	.18						.27			.07		.43	.10	T				
EDMONTON	7.03					.15		.54	.35			.25	.35			.72	1.63	1.00					.05	.35	1.25				.39						
ELKHORN CITY																																			
FALMOUTH	3.72						T			.02	.05		.06	.04		.03	.87	1.19						.98	T			.02	.09		.47				
FARMERS	3.71	.03						.25	.23			.05	.27				.76	.81						.13	.01		.03	1.50							
FLENINGSBURG	2.39								.11			.22	.07				.22	.84						.18	.01					.74					
FORD LOCK 10	2.77	.06					T	T	T			.38	T				.65	.73																	
FORDS FERRY DAN 50	4.16						.81	.91	.30			.12					.36	.66	.09					.03	.05				.60	.15	.04				
FRANKFORT LOCK 4	3.75							.14	.40			.04	.13				.18	.76	.93					.03	T			.78	.28		.08				
FRANKLIN WATER WORKS	3.94							.55	.25			.30					.38	.82	.59					.54				.51							
FREEBURN													.12																						
FRENCHBURG	5.00	.23					.31		.14			.18	.48				1.01	.82																	

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
APRIL 1994

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE	5.03							1.07	.15				.36	.06		.37	.69	.41						.58	.83				.44	.07			
RUSSELLVILLE SURSTA	4.83							1.10	.15				.36			.35	.81	.26						.70	.60				.40	.10			
ST JOHN RETHELEHEM ACAD	4.24	T			.16		T	.52	.30				.20	T		T	1.12	.50					.20	.48				.16	.12	.48			
SALVISA LOCK 6	3.94				.01	T		.21	.27				.19	.04		T	1.01	.97						.01	.12			T	.35	T	.16		
SALYERSVILLE 2	2.53	T					.26		.08				.12			.20	.21	.50						.46				.22	.46		.02		
SCOTTSDALE	6.27					.79		.34			.71	.62				.68	.21	1.86	.16				.26	.14	.02		.03	.02	.38	.03	.02		
SERREE	4.33			.15	T	.50		.84	.70			.19	T			.14	.73	.30					T	.36				.36		.13	.18		
SHAWNEE STEAM PLANT	2.18					.30		.82	.07								.65	.03															
SHELBYVILLE 2 W	3.72					.02		.33	.40			.30				.09	.78	.64						.15	.07			.02	.30		.12		
SHIFFERDSDALE	3.40				.02		.07	.36	.04				.21			.08	.67	.51						.17	.01		.40	.37	.31	.18			
SOMERSET 1 N	3.94				.17		.12		.25			.21			T		1.57	.31					.03					.50	.02		.76		
SPRINGFIELD	4.58	.05						.25	.23			.59	T				1.30	.80						.40	.05			.38	.33	.20			
STEARNS	4.14				.10			.07	.30	.24		.05	.32				.16	.20	1.20					.03	.62		.28	.04	.37	.14			
SUMMER SHADE	7.56				.12		.63	.28			.03	.57				.69	.19	3.01	.11					1.18		.18	.28	.30	.20	T	.07		
SUMMER SHADE SUBSTA	7.38	.03				.10		.74	.38			.33	.25			.68	1.98	1.23						1.16				.50		T			
TAYLORSVILLE	3.14	T			.02		.06	.37	.08			.14				.07	.88	.58						.22				.18	.14	.16	.24		
TOMPKINSVILLE 2	4.74						.51					.36	.20			.73	1.08	1.55						.17				.14					
TURKEY CREEK SCHOOL	5.49	.03				.03	1.25	.07				.19	.01			.17	1.05	.17					.29	1.56	.01				.54	.10	.02		
TYRONE LOCK 5	4.02				T		.14	.24				.06	.16				.38	.88						.52	T			.49		.65			
UNIONTOWN DAM 49	3.50				.13		.64	1.12	.11			.02	T			.06	.74	.07					T	.09				.37	.12	.03			
VALLEY VIEW LOCK 9	3.10	.10				T		.01	.32			.12	.19			T	.65	1.03						.11	.08			T	.19		.30		
VANBUREN	2.47	T					.03	.22	.20							T	1.02	.78						.05	.07				.10				
VANCEBURG DAM 32	2.53					.15	.07					.09	.08				.30	.88					.18	.15	.05				.19		.47		
WAYNEBURG 6 E	3.88	.16			.03	.06		.13	.32			.11	.10				.78	1.01						.43	.36		.14		.19	.06			
WEST LIBERTY WATER WKS	2.66	.09						.08	.43	T			.35			.06	*	.75										.09	.64		.18		
WESTPORT	2.55				T	T	.38	.03				.23				1.00	.32							.02	T			.02	.20	T	.35		
WILLIAMSBURG	4.01				.18		.58		.50			.32			.10		.60	.42					.45	.25				.30		.20	.11		
WILLIAMSTOWN	2.46							.29				.06				.19	.72	.60					.06	.08					.26	.20			
WILLOW LOCK 13	3.55	.15						.37	.12		.08	.38					.22	1.05						.10	.03		.33		.55	.17			
WOLF CREEK DAM	4.98	.06				.11		.46	.18			.04	.27			.38	.56	1.51						.34	.33				.59		.15		
WOODBURY LOCK 4	3.90				.07			.56	.51			.27	.04			.66	.80	.36						.07					.38		.18		

# DAILY TEMPERATURES

KENTUCKY  
APRIL 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	51 22	68 26	54 32	59 34	81 42	72 58	84 58	75 47	68 33	75 47	67 53	64 39	76 37	76 50	81 57	71 45	63 37	84 48	80 61	82 51	83 51	82 57	76 58	82 51	85 54	83 56	81 64	67 49	77 50	81 63	74.3 47.7	
ASHLAND OAM 29	MAX MIN	52 29	70 26	60 40	65 31	81 39	81 59	88 52	82 53	68 35	81 55	74 60	66 39	76 41	80 48	83 54	71 44	62 46	86 46	88 51	89 48	89 55	86 56	78 60	82 60	88 56	82 56	85 63	78 53	79 50	82 63	78.0 48.4	
BARROURVILLE	MAX MIN	53 24	62 24	72 39	67 36	80 43	83 65	82 50	83 52	75 37	81 55	78 60	68 39	71 41	74 50	79 54	83 41	70 40	84 54	85 43	83 41	86 45	78 44	77 46	81 46	89 56	86 55	83 61	84 59	85 61	84 61	78.0 46.8	
BAROSTOWN S J PREP SCH	MAX MIN	51 24	67 27	67 33	61 34	80 44	79 54	83 52	82 48	70 35	71 49	70 58	64 41	78 39	78 57	79 60	61 39	65 42	85 59	85 62	85 55	85 60	84 58	80 57	86 55	86 56	85 62	81 62	81 51	80 49	85 60	76.5 49.2	
BAXTER	MAX MIN	46 31	54 27	68 27	66 37	59 39	80 41	68 44	78 48	62 36	75 44	77 57	65 37	67 37	73 38	71 50	84 57	71 40	60 36	82 42	85 49	84 49	84 55	80 53	73 53	85 53	82 56	82 55	80 56	75 56	82 60	73.3 45.3	
BEAVER DAM	MAX MIN	52 24	69 27	66 38	66 35	81 50	73 55	85 57	81 43	71 36	73 52	70 59	67 45	78 41	73 51	79 61	74 44	67 40	80 48	82 57	83 52	85 53	79 56	79 56	87 53	85 56	88 56	83 65	78 53	75 54	83 60	76.4 49.2	
BENHAM	MAX MIN	43 30	54 25	65 30	60 32	70 40	80 47	76 52	79 54	60 28	78 35	75 50	72 34	67 32	76 38	75 52	85 64	70 35	65 48	81 50	84 44	88 50	85 56	83 55	68 60	70 48	82 54	83 60	82 58	68 54	86 60	73.1 45.5	
BEEBA COLLEGE	MAX MIN	48 25	68 29	62 37	59 35	83 45	78 60	84 59	76 51	74 37	78 53	68 60	63 42	77 39	76 57	83 62	78 47	60 43	82 51	83 61	84 56	84 55	81 63	76 59	80 57	85 59	83 61	83 63	73 53	83 50	85 64	75.9 51.1	
BOWLING GREEN CAA AP	MAX MIN	53 29	69 27	62 40	67 38	81 45	72 56	82 57	64 45	72 36	69 57	70 51	65 45	71 45	77 50	77 63	65 45	66 50	82 48	80 55	82 50	81 54	73 56	77 56	83 56	84 56	83 62	79 57	75 62	81 65	73.8 50.0		
CAMPRELLSVILLE	MAX MIN	52 25	65 27	58 37	65 33	80 47	65 55	80 50	76 55	74 34	75 51	69 58	65 44	75 40	70 54	81 59	68 46	62 40	79 48	79 56	87 52	82 53	79 61	87 57	83 55	85 58	83 58	80 65	78 55	78 51	84 64	74.5 49.6	
CARROLLTON LOCK 1	MAX MIN	56 24	66 29	62 34	53 40	80 40	74 60	85 53	77 47	67 35	75 43	67 59	62 41	74 33	77 54	83 60	77 47	64 41	82 50	82 61	83 53	83 48	81 58	80 56	82 54	88 51	82 56	81 66	78 49	77 51	78 63	75.2 48.3	
CLERMONT 1 SSE	MAX MIN	53 19	69 22	69 33	60 33	79 40	76 57	85 51	80 48	70 28	81 45	71 58	65 36	79 34	77 52	82 62	78 45	64 40	80 50	82 51	85 48	80 55	85 55	84 51	88 55	85 52	86 61	79 51	80 49	85 63	77.4 46.7		
CORBIN CAA AIRPORT	MAX MIN	51 23	70 24	65 35	58 34	82 41	76 55	82 51	71 45	75 34	79 51	68 58	66 39	74 36	74 49	85 56	73 43	60 42	82 46	83 51	84 44	84 55	80 51	72 55	82 55	84 51	84 55	82 55	75 51	81 54	82 63	75.5 46.4	
COVINGTON W R AIRPORT	MAX MIN	47 23	65 31	47 28	51 29	77 41	71 59	82 56	68 38	67 33	74 51	64 51	62 40	73 37	74 52	80 60	65 43	59 40	79 52	81 62	82 58	80 60	79 58	76 54	83 55	82 56	79 56	80 46	75 51	83 63	71.1 48.2		
CYNTHIANA 2	MAX MIN										76 40	77 47	64 31	72 30	75 49	82 58	80 50	72 46	68 46	78 46	80 56	82 52	79 56	77 52	81 54	86 55	84 62	79 43	80 51	73 64	77.3 49.5		
DANVILLE	MAX MIN	40 27	49 30	67 37	54 34	60 35	81 60	72 57	81 52	62 34	71 38	76 54	72 43	63 41	76 55	74 60	82 63	65 43	61 40	80 59	81 53	84 57	77 62	77 59	85 55	83 58	85 60	85 60	80 53	63 49	78 51	72.1 49.1	
DEWEY DAM	MAX MIN	39 26	50 25	69 26	60 36	60 40	80 41	86 49	80 50	71 32	74 33	75 45	69 39	67 32	88 34	80 49	87 55	74 40	70 39	84 60	86 43	87 45	88 48	82 51	82 51	85 55	87 57	87 56	82 58	65 50	83 53	75.9 43.9	
DIX DAM	MAX MIN	48 27	66 29	63 37	56 35	81 45	74 63	82 56	73 51	69 35	78 51	68 60	63 44	76 42	74 54	83 60	80 47	60 43	80 47	83 53	84 54	79 56	76 59	80 60	84 59	84 59	84 60	77 51	80 50	83 63	74.8 50.4		
FARMERS	MAX MIN	50 22	66 22	67 36	55 33	83 39	81 67	86 48	85 52	70 33	81 44	80 58	66 31	79 47	87 58	83 40	60 43	83 42	84 55	84 55	84 57	84 52	81 57	81 55	88 51	89 56	87 54	79 42	81 48	78 62	78.1 46.8		
FORDS FERRY DAM 50	MAX MIN	51 27	69 33	64 37	66 40	82 49	77 56	84 64	72 44	72 36	66 56	63 48	76 47	80 49	70 59	84 60	72 46	70 40	84 58	81 63	82 58	80 59	74 62	87 61	86 54	85 59	84 61	86 56	73 57	83 60	75.8 52.7		
FRANKFORT LOCK 4	MAX MIN	47 26	50 25	65 27	53 35	56 36	80 43	71 49	82 49	64 36	77 47	76 54	70 39	65 34	75 43	75 57	81 56	64 43	61 42	81 53	79 48	81 57	83 52	79 52	78 52	84 52	85 52	84 56	80 51	60 51	79 52	71.8 44.5	
GLASGOW WKAY	MAX MIN	54 26	69 32	63 41	67 37	79 49	73 58	81 62	78 50	72 34	70 51	67 59	69 44	73 44	71 52	78 64	68 46	64 40	80 52	79 46	81 50	81 51	77 59	78 59	82 54	84 54	83 59	81 57	78 56	76 64	83 64	74.6 51.4	
GOLDEN POND 8 N	MAX MIN	55 21	70 27	67 41	78 43	81 49	78 57	83 58	50 45	74 39	72 52	67 60	66 42	75 47	83 50	84 62	74 45	69 35	83 55	80 59	83 49	84 50	83 57	79 55	86 54	85 56	85 59	82 56	70 60	83 60	77.5 50.4		
GRAYSON	MAX MIN	51 24	67 23	58 38	59 32	83 36	82 55	88 58	77 51	69 33	82 48	71 50	64 38	76 31	80 48	88 57	75 49	61 44	85 45	82 53	87 49	90 53	85 47	85 52	77 58	86 58	89 53	84 57	74 49	80 61	77.3 46.3		
GREENSBURG	MAX MIN	41 25	52 25	68 36	60 36	65 60	80 60	74 52	82 54	67 35	74 47	76 55	70 39	66 39	78 50	80 55	61 59	65 43	80 59	80 43	84 55	84 47	78 55	80 58	78 54	84 55	84 55	85 63	83 59	71 53	80 60	73.4 48.3	
GREENVILLE 2 W	MAX MIN	53 22	69 29	61 39	68 38	77 48	74 56	83 56	80 44	72 36	70 54	65 56	69 45	75 45	81 53	76 63	74 44	67 35	82 54	79 58	80 56	82 59	78 59	81 51	83 58	85 58	81 66	81 53	75 55	82 59	74.9 50.2		
HEIDELBERG LOCK 14	MAX MIN	53 24	70 23	69 40	59 31	84 38	82 58	86 86	73 53	75 32	81 39	80 58	68 38	79 37	77 48	86 51	81 49	63 45	84 46	87 46	87 43	87 46	86 53	79 56	83 51	83 52	87 54	87 57	79 51	82 66	78.8 45.8		
HENDERSON 4 SW	MAX MIN	50 26	68 35	63 35	61 36	79 53	75 58	80 59	76 41	67 36	77 47	67 53	63 45	74 45	77 57	77 59	69 45	67 43	81 56	79 5													



# DAILY TEMPERATURES

KENTUCKY  
APRIL 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	54	67	65	69	80	74	82	80	72	72	70	67	75	70	80	71	65	85	85	82	82	80	79	84	84	85	85	80	77	82	76.1	
	MIN	24	25	39	35	49	60	61	47	35	52	59	41	39	55	64	45	38	53	60	57	53	61	57	53	55	58	66	53	54	62	50.3	
MANCHESTER 4 SE	MAX	51	71	66	59	83	79	85	78	77	80	77	68	72	77	86	82	61	84	85	87	85	81	74	85	88	86	82	79	83	85	77.9	
	MIN	25	24	38	34	39	60	49	52	33	43	58	39	36	44	50	50	43	38	46	43	45	40	53	51	52	57	56	57	54	61	46.0	
MAYFIELD 2 S	MAX	52	65	63	76	78	76	80	79	71	70	65	65	71	81	79	71	69	78	76	80	82	80	78	82	85	84	83	81	69	80	75.0	
	MIN	27	31	40	42	57	57	62	44	38	54	58	45	48	53	66	43	39	54	56	56	56	50	58	58	60	61	67	56	59	59	52.1	
MAYSVILLE OAM 33	MAX	44	46	65	64	49	80	75	85	58	67	78	68	60	73	77	86	71	59	80	80	80	82	80	74	77	84	83	80	66	81	71.7	
	MIN	23	25	30	35	34	43	49	50	36	36	47	40	33	34	54	60	44	43	55	50	49	50	60	60	51	53	57	51	50	51	45.1	
MIDDLESBORO	MAX	57	70	71	68	80	78	80	76	76	78	77	71	73	71	86	85	64	81	83	87	84	83	79	85	85	82	81	83	83	83	78.1	
	MIN	28	25	39	33	43	62	51	56	34	45	60	42	37	56	51	53	42	36	50	42	46	50	52	52	50	55	55	58	59	60	47.4	
MOUNT STERLING	MAX	50	66	57	57	80	80	81	70	74	81	71	63	77	80	86	77	60	83	83	85	86	83	80	83	87	87	84	79	81	79	76.3	
	MIN	24	29	35	33	44	60	48	55	40	42	59	42	39	54	58	47	41	47	58	53	54	62	59	56	56	59	62	50	47	52	48.8	
MURRAY	MAX	55	70	65	80	79	80	84	81	75	72	68	69	73	84	81	66	70	82	80	83	85	75	81	85	85	88	85	70	72	81	76.9	
	MIN	25	31	43	43	56	58	61	47	40	53	60	47	50	55	65	45	37	55	59	54	55	60	60	56	58	59	67	58	62	61	52.7	
OWENSBORO 2 W	MAX	52	67	60	65	80	73	81	76	72	69	68	66	75	71	77	73	65	82	79	81	83	79	75	85	85	85	82	69	73	81	74.3	
	MIN	27	32	36	36	49	57	59	41	37	54	60	44	44	53	63	42	40	50	56	54	54	58	59	59	59	61	67	53	55	60	50.6	
PAOUCAH CAA AIRPORT	MAX	53	68	58	74	84	78	82	61	72	67	67	64	73	82	75	60	69	80	81	80	82	74	79	83	85	84	82	63	67	80	73.6	
	MIN	26	35	40	43	54	59	60	43	42	57	52	48	49	56	60	43	39	55	50	58	55	63	58	57	63	65	62	55	60	61	52.5	
PAOUCAH	MAX	49	52	69	60	74	82	57	83	62	72	69	69	68	76	84	77	57	80	82	79	82	84	77	80	86	86	86	85	64	67	73.7	
	MIN	26	28	37	40	42	51	57	45	40	41	57	49	49	49	60	47	40	40	57	55	55	58	60	57	59	62	60	55	56	59	49.7	
PIKEVILLE	MAX	55	72	66	57	84	79	87	66	76	84	74	70	81	79	90	75	83	86	90	91	90	82	79	87	90	87	85	73	86	86	79.0	
	MIN	31	28	46	37	43	54	54	61	37	48	57	44	37	51	57	54	43	40	48	47	52	55	58	58	57	61	60	64	54	64	50.0	
PRINCETON	MAX	54	70	62	74	84	77	85	79	72	73	78	70	75	82	82	74	68	82	81	83	83	78	80	85	86	87	84	65	70	80	76.8	
	MIN	20	24	38	40	45	54	55	45	36	48	59	44	45	48	58	44	32	53	45	45	46	56	59	59	54	56	61	53	59	58	48.0	
RICHMOND	MAX	38	49	66	63	65	80	74	82	64	70	76	67	63	75	75	84	68	62	80	81	83	84	79			85	84	80	63	80	71.8	
	MIN	27	28	38	35	36	46	50	52	35	43	59	42	39	50	59	63	44	45	52	49	52	61	59			62	61	53	49	59	48.1	
RUSSELLVILLE	MAX	54	70	63	76	81	74	85	80	45	70	71	72	76	82	82	69	67	84	83	84	83	78	80	84	85	87	86	80	76	82	77.1	
	MIN	25	28	39	40	47	56	60	45	37	52	42	46	48	54	64	54	36	52	57	52	56	61	56	55	57	59	65	60	54	64	50.7	
ST JOHN BETHLEHEM ACAD	MAX	45	48	66	63	59	79	70	81	60	67	73	70	64	76	71	80	72	63	81	78	87	81	79	80	82	85	84	84	65	77	72.2	
	MIN	25	26	34	32	33	55	53	47	34	41	54	43	42	48	60	52	37	45	52	50	50	51	56	54	54	64	57	51	49	51	46.7	
SCOTTSVILLE	MAX	54	69	62	75	80	75	83	77	75	72	70	65	74	77	83	69	65	82	81	85	82	87	81	81	85	86	85	78	78	83	76.6	
	MIN	26	30	38	40	51	58	62	51	39	52	54	44	45	55	64	46	39	50	55	54	56	59	60	54	58	60	65	58	59	64	51.5	
SHELBYVILLE 2 W	MAX	49	67	64	59	79	73	82	78	67	75	67	65	75	77	79	77	61	82	80	82	82	80	76	81	87	82	80	77	78	83	74.8	
	MIN	25	28	33	34	43	59	53	45	32	48	59	41	39	53	60	46	39	47	57	52	52	59	58	52	55	58	62	49	49	63	48.3	
SOMERSET 1 N	MAX	50	67	62	60	81	77	82	77	73	78	70	64	76	72	84	68	61	80	80	84	85	78	72	82	85	83	82	72	80	82	74.9	
	MIN	27	25	40	35	43	58	55	52	37	49	58	38	39	53	56	47	43	44	50	46	50	58	59	52	51	52	56	61	54	52	48.4	
SUMMER SHADE	MAX	52	68	69	70	81	75	81	70	74	75	70	70	73	70	80	65	63	81	80	83	80	79	76	84	87	85	81	73	77	83	75.2	
	MIN	26	27	39	35	47	56	50	47	50	50	56	39	40	51	62	44	38	42	47	50	60	60	59	52	55	58	65	57	56	62	49.5	
VANCEBURG OAM 32	MAX	50	66	64	49	78	78	83	80	70	81	77	65	78	80	88	72	62	86	83	82	85	80	75	80	89	85	80	86	87	77	76.5	
	MIN	24	26	32	30	37	58	50	51	33	33	45	40	34	48	58	48	40	41	41	49	50	55	55	55	51	57	55	48	49	58	45.1	
WEST LIBERTY WATER WKS	MAX	47	70	73	75	80	80	87	86	86	73	80	78	75	76	79	87	73	64	65	70	75	87	86	85	87	86	81	61	82	83	77.0	
	MIN	20	30	40	45	46	50	50	46	30	37	30	33	30	40	50	60	42	35	40	50	55	60	60	64	62	60	51	41	53	52	44.9	
WILLIAMSBURG	MAX	54	67	68	68	84	79	79	80	79	80	70	69	73	75	87	82	62	83	86	88	88	81	76	85	87	86	85	77	82	83	78.1	
	MIN	19	25	36	33	49	60	50	53	35	48	59	43	38	40	55	49	42	40	40	44	49	51	52	51	53	55	59	57	57	63	46.9	
WILLIAMSTOWN	MAX	44	49	65	48	52	80	72	82	58	66	75	69	62	73	75	80	59	60	80	79	80	82	80	74	80	81	83	78	65	77	70.3	
	MIN	24	32	30	29	33	40	52	38	33	36	50	39	40	41	59	56	38	40	52	57	56	59	56	52	56	63	64	56	47	52	46.0	
WOLF CREEK OAM	MAX	44	52	71	66	62	84	77	83	65	74	79	70	67	75	80	84	65	65	82	83	87	86	88	87	84	85	86	83	76	79	75.3	
	MIN	26	27	27	39	38	65	45	50	38	40	47	40	41	43	50	51	44	41	50	47	48	50	49	48	53	53	54	60	55	57	45.9	

## EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DIX DAM	EVAP	.48	.29	.18	.18	.04	.19	.10	.27	.18	.17	.14	.09	.17	.17	.08	-	-	.17	.24	.27	.21	.19	.22	.14	.17	.19	.21	.22	.12	.18	B5.61 1880	
	WIND	47	17	134	80	34	84	89	141	95	39	52	70	48	33	69	105	135	78	131	86	22	14	28	31	16	12	42	126	31	11		
WOLF CREEK DAM	EVAP	.02	.12	.08	.29	.05	.12	.21	.14	.08	.25	.00	.24	.20	.09	.08	.10	.27	.23	.29	.29	.22	.22	.15	.18	.09	.25	.24	.18	.08	.16	4.90 1068	
	WIND	33	24	20	53	45	72	85	33	73	38	47	8	44	33	13	46	54	56	83	40	13	18	24	1	21	14	25	34	9	29		

## STATION INDEX

KENTUCKY  
APRIL 1954

Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables		
ADDITION DAM 45	0031	BRECKINRIDGE	7	37 33	86 34	360			6A CORPS OF ENGINEERS	3	C	LEXINGTON WB AIRPORT	4746	FAYETTE	4	38 02	84 36	979	MID	U.S. WEATHER BUREAU	2 3 5	7	C
ADOLPHUS 1 N	0043	ALLEN	5	36 59	86 16	600			7A IDELL M. DEARING	3		LIBERTY	4755	CASEY	5	57 21	84 53	772	7A	PALLIA F. HANKLA	3		
ALBANY	0053	CLINTON	7	36 52	85 37	950			7A MRS. BARBARA M. COOL	3		LITTLE HICKMAN LOCK 8	4823	JESSAMINE	3	37 45	84 58	860	7A	EDDIE E. YOUNG	3		
ALLEN	0095	FLOYD	7	37 33	82 43	650			8A NANNIE AUXIER	2 3 5		LOCKPORT LOCK 2	4837	NENRY	4	38 26	84 58	483	6A	CORPS OF ENGINEERS	3		
ANCHORAGE	0135	JEFFERSON	7	38 16	83 33	700	7P		C. E. BARRET	2 3 5		LOGLOCK 1 5	4882	CLARK	4	37 31	84 02	-	6A	MRS. H. BURGER	3		
ASHCAMP	0246	PIKE	1	37 16	82 26	1100			8A MARY S. RATLIFF	2 3 5		LONDON 3 SW	4893	LAUREL	2	37 06	84 08	1217	MID	U.S. FOREST SERVICE	3		
ASHLAND DAM 29	0254	BOYD	7	38 27	82 36	591	6P		7A CORPS OF ENGINEERS	2 3 5	7	LOUISA	4943	LAWRENCE	1	38 07	82 37	564	8A	JULIUS M. RAMKIN	3		
BARBOURVILLE	0301	KNOX	3	36 52	85 33	1000	6P		6P UNION COLLEGE	2 3 5	C	LOVELACEVILLE	4946	LAWRENCE	1	38 07	82 37	600	7A	EDDIE E. YOUNG	3		
BARSTOWN S.J. PREP SCH	0397	NELSON	8	37 48	83 28	637	6P		6P ST. JOSEPH PREP SCH	2 3 5		LOUISVILLE BONMAN FLD	4931	JEFFERSON	7	38 13	83 40	338	MID	CORPS OF ENGINEERS	2 3 5	7	C
BAXTER	0430	HARLAN	2	36 51	83 20	1164	7A		C. C. HONER NLAN	2 3 5	C	LOUISVILLE WB AP	4954	JEFFERSON	7	38 11	83 44	474	MID	U.S. WEATHER BUREAU	2 3 5	7	C
BEAVER DAM	0490	OHIO	3	37 25	86 52	441	6P		6P E. G. YOUNG	2 3 5	7	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7	38 17	83 48	403	6A	CORPS OF ENGINEERS	3		
BEHMAN	0595	HARLAN	2	36 38	82 37	1380	8A		C. C. WHITEAKER	2 3 5	7	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 13	83 46	437	MID	U.S. WEATHER BUREAU	2 3 5	7	C
BENTON	0611	MARSHALL	9	36 31	88 20	393	MID		JAMES H. MILLER	2 3 5	7	LOVELACEVILLE	4967	HALLARD	4	36 58	88 50	970	6P	BLAINE MALONE	3		
BERA COLLEGE	0619	MADISON	4	37 34	84 18	1070	6P		JAMES A. GROSSMAN	2 3 5	C	LUCAS	3002	BARREN	3	36 53	86 02	735	MID	WILLARD E. FORSTER	2 3 5	7	C
BERA WATER WORKS	0624	MADISON	4	37 34	84 16	1100	7A		MRS. L. B. GAFFARD	2 3 5	C	MACDONALD 1 SE	5067	HOPKINS	3	37 19	87 29	435	3P	HONER WELBORN, JR.	2 3 5	7	C
BOWLING GREEN	0904	WARREN	3	37 00	86 26	536			7A JAMES R. EDWARDS	2 3 5	7	MANHOTH CAVE PARK	5087	EDMONSON	3	35 57	86 06	400	5P	NATIONAL PARK SVC	2 3 5	7	C
BOWLING GREEN SUBSTA	0907	WARREN	3	37 01	86 26	470			7A-458	2 3 5	7	MANCHESTER 4 SE	5111	CLAY	4	37 06	83 43	850	6P	EDWARD C. GIFFORD	2 3 5	7	C
BOWLING GREEN WTR MTS	0914	WARREN	3	37 00	86 26	505			MID CIVIL AERO. ADM.	2 3 5	7	MAYFIELD SUBSTATION	5250	GRAVES	6	36 44	88 59	944	3P	7A-5-A	3		
BRENT DAM 36	0976	CAMPBELL	7	39 03	86 26	505			MID CITY BOWLING GREEN	3	C	MAYFIELD DAM 35	5252	GRAVES	6	36 42	88 58	944	3P	MRS. JOE PAYNE	2 3 5	7	C
BROWNVILLE LOCK 6	1120	PIKE	1	37 12	82 33	643			7A CORPS OF ENGINEERS	3		MC KEE	5291	JACKSON	2	37 26	84 00	1000	7A	MRS. WINNIE E. MORAN	2 3 5	7	C
BURKIN DIX DAM	1127	MERCER	4	37 40	86 43	770	4P		7A STINSON SKAGGS	3		MIDDLEBORO	5503	PENDLETON	3	36 57	84 16	634	MID	EDWARD C. GIFFORD	2 3 5	7	C
BURKESVILLE	1137	CUMBERLAND	2	36 46	85 22	600			BA C. W. WILLIAMS	CLOSED 11/53		MIDDLEBORO RR STA	5569	BELL	2	36 37	83 43	1130	3P	7A-5-A	3		
CADIZ LOCK E	1206	TRIGG	2	36 46	87 52	690			7A MARVIN M. LEE	3		MIDLEBORO	5584	BELL	2	36 37	83 43	1130	3P	7A-5-A	3		
CAMPBELLVILLE	1256	TAYLOR	3	37 20	85 27	777	6P		ALVA MC KINLEY	2 3 5	C	MILLERSBURG	5604	WELLFORD	4	36 58	85 45	1130	3P	7A-5-A	3		
CARROLLTON LOCK 1	1345	CARROLL	4	38 41	85 11	480	6P		7A CORPS OF ENGINEERS	2 3 5	C	MILLERSBURG	5604	WELLFORD	4	36 58	85 45	1130	3P	7A-5-A	3		
CENTRAL CITY	1439	MULLENBURG	5	37 17	87 07	453			MID JAMES F. RICE	2 3 5	C	MONTICELLO	5624	WAYNE	2	36 50	84 30	960	7A	ALVIN L. BERTRAM	3		
CLERMONT 1 SSE	1611	BULLITT	8	37 55	85 40	474	5P		SP BERNHEIM FOUNDATION	2 3 5	C	MOREHEAD STATE COLLEGE	5355	HOWAN	5	38 11	85 26	770	MID	H. C. HAGGAN	2 3 5	7	C
CLINTON	1631	HICKMAN	6	36 41	89 00	370			MID WOODSON D. FRANKLIN	2 3 5	C	MOUNT STERLING	5640	MONTGOMERY	3	38 04	83 56	497	5P	FRED CARTMILL	2 3 5	7	C
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611			7A CORPS OF ENGINEERS	2 3 5	C	MUNFORDVILLE	5684	HART	3	37 18	85 55	600	7A	HUBERT E. HODGES	2 3 5	7	C
COLUMBIA	1722	ADAIR	3	37 02	89 18	729			7A MRS. HAZEL B. PICKETT	2 3 5	7	MURRAY	5684	CALLLOWAY	3	37 18	85 55	600	7A	HUBERT E. HODGES	2 3 5	7	C
CORBIN CAA AIRPORT	1801	WHYTE	2	36 58	84 10	1175	MID		MID CIVIL AERO. ADM.	2 3 5	7	OLIVE HILL 1 NW	6012	CHARTER	7	38 18	83 11	752	7A	LON L. HERRELL	2 3 5	7	C
COVINGTON WB AIRPORT	1835	BOONE	7	39 04	84 40	869	MID		MID U.S. WEATHER BUREAU	2 3 5	7	OLNEY	6020	HOPKINS	7	37 14	87 47	430	6A	ART D. CLARK	2 3 5	7	C
CUMBERLAND FALLS ST PK	1949	PIKE	1	36 54	84 19	1070			SP KEY DEPT. OF COM.	2 3 5	7	ONEIDA DAM 35	6117	MCKRACKEN	7	37 05	88 35	497	3P	FRED CARTMILL	2 3 5	7	C
CYNTHIANA	1998	HARRISON	5	38 25	84 18	684			7A MARSHALL HILL	2 3 5	7	ONENBORG 2 W	6091	DAVIES	7	37 46	87 09	420	7A	VIRGIL D. CLARK	2 3 5	7	C
CYNTHIANA 2	2003	HARRISON	5	38 23	84 17	719	8A		BA K.Y. CARDINAL DAIRY	2 3 5	7	ONENBORG DAM 46	6096	DAVIES	7	37 46	87 09	420	7A	VIRGIL D. CLARK	2 3 5	7	C
DANVILLE	2040	BOYLE	4	37 39	84 46	955	7A		R. P. COLDIRON	2 3 5	7	PAIDUCH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	498	MID	CIVIL AERO. ADM.	2 3 5	7	C
DAVELLA	2053	MARTIN	1	37 48	82 32	718			MID BERTHA DE LORRY	2 3 5	7	PAIDUCH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	498	MID	CIVIL AERO. ADM.	2 3 5	7	C
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647			SP GENE T. HILTON	2 3 5	7	PAIDUCH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	498	MID	CIVIL AERO. ADM.	2 3 5	7	C
DEMA	2139	KNOTT	1	37 25	82 48	850			SP HATTIE B. BARNEY	2 3 5	7	PAIDUCH CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	498	MID	CIVIL AERO. ADM.	2 3 5	7	C
DEMEY DAM	2180	FLOYD	1	37 45	82 47	655	7A		7A CORPS OF ENGINEERS	2 3 5	7	PAINTSVILLE	6136	JOHNSON	3	37 49	82 46	520	3P	JESSE FAIRCHILD	2 3 5	7	C
DIX DAM	2214	FLOYD	1	37 48	84 43	917	7A		C. W. WILLIAMS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
DIXON BARRETT'S FORD BR	2256	MULLENBURG	5	37 05	87 00	610			7A N. D. GIVENS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
DUNNVILLE	2364	CASEY	3	37 13	84 58	-			BA LINDIE D. TARTER	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
DYER	2391	BRECKENRIDGE	3	37 43	86 15	793			MID LENA BLAIR	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
EDDYVILLE LOCK F	2445	LYON	2	37 03	85 09	420			7A CORPS OF ENGINEERS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
ELIZABETH	2458	METCALFE	6	37 03	85 09	420			7A JOHN E. MORAN	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
ELKINSBURG CITY	2528	PIKE	1	37 18	82 21	600			BA MRS. KELSIE CAMMELL	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FALMOUTH	2725	PENDLETON	3	38 40	84 20	560			7A FRANK H. LAWSON	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FARMERS	2791	ROWAN	5	38 09	85 33	668			7A MRS. C. C. STAMPER	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FLEMINGSBURG	2903	FLEMING	3	38 25	83 43	870			7A MRS. JEAN FLEMING	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FLEMINGSBURG 2	2903	FLEMING	3	38 25	83 43	870			MID MAURICE B. CARPENTER	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FORD LOCK 10	2953	MADISON	4	37 53	84 15	593			6A CORPS OF ENGINEERS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FORDS FERRY DAM 50	2961	CRITTENDEN	7	37 52	88 06	356	6P		6A CORPS OF ENGINEERS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FRANKFORT LOCK 4	3028	FAMPSON	4	38 13	84 52	504	6A		6A CORPS OF ENGINEERS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FRANKLIN WATER WORKS	3036	SIMPSON	3	38 43	86 34	691			7A HERMAN O. NEAL	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FRECHBURN	3046	PIKE	1	37 34	82 08	1077	6P		BA JOHN E. TANNER	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
FRECHBURN	3052	MENEFEE	5	37 57	85 39	930			7A FRENCHBURG SCHOOL	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
GEORGETOWN WATER WORKS	3194	SCOTT	4	38 12	84 33	880			BA JOE W. ATKINS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
GEST LOCK 3	3203	HPMRY	4	38 25	84 53	490			7A CORPS OF ENGINEERS	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
GLASSGOW	3241	BARREN	3	37 00	85 55	780			7A EMILY M. BEAN	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29	82 91	696	5P	U.S. WEATHER BUREAU	2 3 5	7	C
GLASSGOW WKAY	3246	BARREN	3	37 00	85 55	780			6P RADIO STATION WKAY	2 3 5	7	PIKEVILLE	6555	PIKE	1	37 29							

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 88W, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations where the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

\* And also on a later date or dates.

• Amount included in following measurement, time distribution unknown.

© Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

H Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

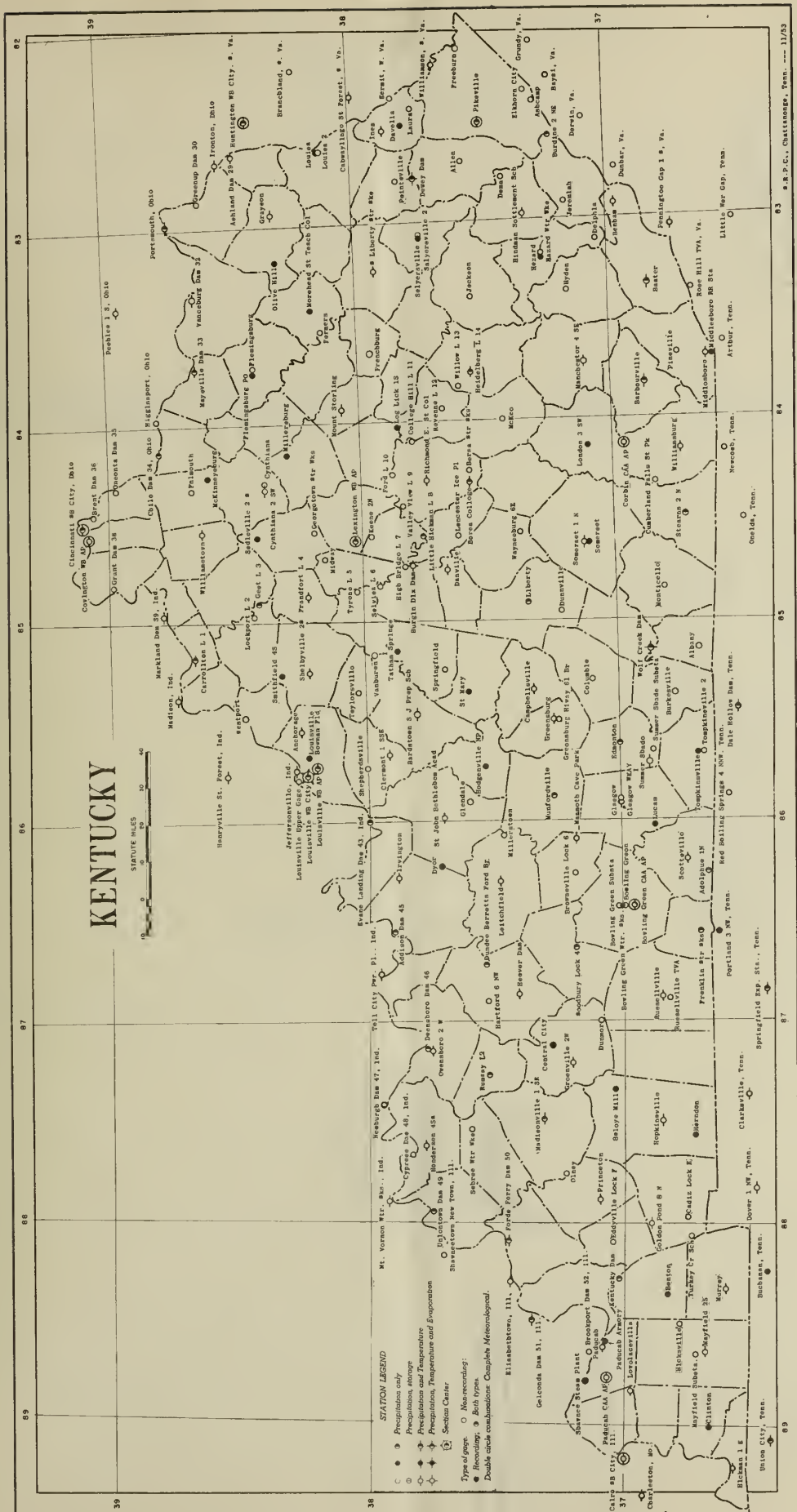
T Trace, an amount too small to measure.

V Includes total for previous month.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

W.R.P.C., Chattanooga, Tenn. --- 5/28/54 --- 775





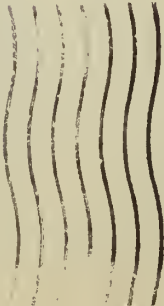
Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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# CLIMATOLOGICAL DATA

## KENTUCKY

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MAY 1954  
Volume XLIX No. 5





O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

Following an exceptionally warm April, May was unusually cold with the average temperature almost 5° below normal. It was the coldest May since 1924 and the third coldest since the beginning of records. Light frosts and near-freezing temperatures occurred several times throughout most of the state during the first three weeks. Both daytime and nighttime readings were often more typical of those expected at the end of March than in May. Precipitation averaged below normal but was near normal in Western Kentucky and in most southern counties and was considerably below normal in the rest of the state especially in northern counties. Only a very few locations recorded any snowfall and these were all in the eastern third of the state. There were a few minor storms especially at the beginning of the month with the damage being relatively light. In spite of the adverse weather conditions, progress of farm work and condition of growing crops were generally satisfactory.

The rather warm and humid condition of the previous month continued into the first 2 days of May. A sharp turn to much cooler occurred on the 3rd as a cold air mass moved southeastward over the state. Scattered light frost or near-freezing temperatures were reported from most locations on the morning of the 4th. Unusually cold weather persisted through the 14th with daily departures ranging as high as 17° below normal during this period. It was on the morning of the 4th or 10th that practically all locations recorded their lowest reading for the month. The 34° reading at Louisville on the 10th was the coldest ever recorded so late in the season since records began in 1871. The next two days were comparatively warm. On the 17th, another cold air mass overspread the state and again temperatures tumbled to well below the seasonal levels. This cold spell lasted through the 23rd. On the morning of the 21st, the minimum temperature of 31° at Corbin was the lowest in the United States, and at most locations the minimums were near-record readings for so late in the spring season. Following the 23rd, a return to above-normal temperatures took place and these continued to the end of the month. The mean temperature for the state was 60.4° which is 4.9° below the normal. The monthly mean temperature ranged from 63.1° at Paducah CAA Airport to 57.1° at West Liberty Water Works. The highest temperature for the month was 95° at Grayson on the 31st; the lowest 28° at Mammoth Cave Park on the 4th, at Clermont 1 SSE on the 5th, and Hindman Settlement School on the 10th.

Even though precipitation was recorded from one location or another on 24 days

during the month, the amount for the state as a whole was more than 3/4 inch below normal. Rainfall generally showed a progression from north to south with the least amounts in the northern counties. Largest falls were in the extreme south-east with 4 to 5 1/2 inches, and the southwest with 4 to 5 inches. The northern counties generally reported 1 to 2 1/2 inches. Locally heavy thundershowers in western counties produced between 2 and 3 inches as reported on the mornings of the 3rd and 4th as the first heavy rainfall of the month. On the 6th and 7th, a general soaking rain gave most stations near the Ohio River and in north-central counties between 1/2 and 1 inch and from 1 to 2 inches to the southern counties. General rains over the southern third of the state on the 13th and 14th, and over the southeastern counties on the 17th produced totals ranging from 1/2 inch in south-central areas to near 2 inches in the southeast. Rainfall over the remainder of the state was negligible during this period. Following the 17th and to the end of the month rain was an almost daily occurrence at one location or another but amounts were generally very light, with one exception. In the 24-hour period ending on the morning of the 29th, falls averaging 1/2 inch in central counties and near 3/4 inch in western counties were reported. The average precipitation for the state was 3.12 inches which is 0.87 inch below normal. The total amounts recorded at the various locations ranged from 5.47 inches at Pikeville to 1.33 inches at Covington WB Airport. The greatest precipitation in 24 hours was 2.46 inches at Dunmore on the 7th. The monthly average of snowfall was a Trace.

Farm work was well advanced by the end of the month. Although some corn had to be planted over because of the frosts and freezes a large percentage of the crop was in the ground. Tobacco was mostly set and generally off to a good start, though growth was slow. A large part of the cotton crop was killed by the cold weather and had to be replanted. Growth of pasture and hay was slowed by cool weather throughout the state and lack of precipitation in some areas. At the end of the month soil moisture was generally satisfactory in western and southern counties but short elsewhere especially in the northern counties.

On the 2nd of the month between 11-12 A.M. a small tornado of the bounding type moving from southwest to northeast struck Ohio County. The width of the path was 25 yards and length of path 6 miles. There were no injuries or fatalities. The estimated damage was \$5000 to shrubbery and a few buildings. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
MAY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	6SW	12	10.0	-	-	-	75	75	49	57	4	4	7	0	0	0	15	-	6.7
LOUISVILLE WB AP	S	15	7.5	32	W	2	76	60	46	52	5	4	4	2	0	0	15	61	6.2

# COMPARATIVE DATA

Table 1

MAY

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1869	83.6	94	26	4.03	-	1914	66.5	103	32	2.16	0	1939	66.3	94	30	1.37	0
1890	63.9	93	32	4.22	-	1915	65.2	95	35	6.62	0	1940	61.6	94	26	3.50	T
1891	62.6	90	29	1.76	-	1916	67.2	96	33	4.02	0	1941	67.7	101	30	1.20	0
1892	64.6	90	36	5.49	-	1917	56.9	92	30	3.43	0	1942	65.4	95	32	3.62	0
1893	63.2	96	37	5.59	-	1918	69.4	97	28	4.29	0	1943	67.3	92	29	5.43	0
1894	64.5	99	32	3.54	-	1919	63.9	95	35	6.05	0	1944	70.6	95	29	3.62	0
1895	63.9	99	29	3.18	-	1920	64.2	94	32	4.06	0	1945	61.6	93	29	4.69	0
1896	72.2	106	42	5.34	T	1921	65.9	97	32	2.45	0	1946	63.6	87	33	5.50	0
1897	61.4	92	32	3.27	0	1922	67.9	94	35	3.67	0	1947	62.3	92	23	5.66	T
1898	87.8	93	31	4.52	0.2	1923	63.9	91	27	3.96	T	1948	64.1	94	35	3.32	0
1899	66.6	94	42	4.79	0	1924	59.9	92	34	5.04	0	1949	66.3	95	36	2.76	T
1900	66.3	98	29	3.49	0	1925	61.2	96	28	2.61	T	1950	66.8	95	32	6.34	T
1901	83.7	97	34	2.65	0	1926	68.2	101	31	2.36	0	1951	65.6	95	32	2.66	T
1902	70.0	96	35	3.55	0	1927	65.7	93	31	7.44	0	1952	65.7	94	32	3.85	T
1903	66.0	96	29	3.09	0	1928	63.2	94	29	3.55	0	1953	66.7	98	39	5.42	T
1904	65.0	98	33	3.05	0	1929	64.1	96	32	7.35	T	1954	60.4	95	26	3.12	T
1905	66.0	95	38	5.23	0	1930	66.5	94	33	2.96	0						
1906	89.5	95	31	2.54	T	1931	62.7	97	30	2.59	0						
1907	61.3	93	30	5.07	0	1932	85.1	92	33	1.39	0						
1908	66.7	96	26	4.34	0	1933	66.7	95	40	6.43	0						
1909	63.9	93	27	4.64	T	1934	67.7	99	36	1.67	0						
1910	61.1	69	30	4.61	0	1935	63.5	91	36	7.40	0						
1911	69.4	105	29	2.46	0	1936	66.3	96	35	1.50	0						
1912	66.7	97	37	4.53	0	1937	65.2	99	36	4.01	0						
1913	66.1	99	29	2.92	0	1938	65.7	93	32	5.73	0						

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
MAY 1954

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	18 or More	50 or More	1.00 or More
										80° or Above	32° or Below	32° or Below	10° or Below										
WESTERN DIVISION																							
BEAVER OAM	74.3	47.3	60.8	- 5.4	92	31	29	4	195	1	0	2	0	3.17	-.94	1.95	7	.0	0		7	1	1
FORDS FERRY OAM 50	73.7	52.0	62.9		91	31	38	4	151	1	0	0	0	3.70	.31	1.05	7	.0	0		5	3	2
GOLOEN POND 8 N	74.8	48.7	61.8		91	31	30	4	175	1	0	2	0	3.87		1.87	7	.0	0		6	3	1
GREENVILLE 2 W	72.6M	48.4	60.5M	- 4.6	89	31	31	4	205	0	0	1	0	3.75	-.09	2.15	7	.0	0		7	1	1
HENDERSON 4 SW	72.8	50.7	61.8	- 5.5	89	31	33	4	166	0	0	0	0	3.92	-.03	.85	7	.0	0		7	3	0
HICKMAN 1 E	74.7	50.7	62.7		85	17+	35	4+		0	0	0	0	4.62		1.50	3	.0	0		6	3	3
HOPKINSVILLE	74.6	49.4	62.0	- 5.0	87	26+	31	4		0	0	1	0	3.37	-.70	1.84	7	.0	0		7	1	1
LOVELACEVILLE	73.8	50.8	62.3	- 4.9	89	31	32	4	150	0	0	1	0	4.92	1.17	2.24	7	.0	0				1
MADISONVILLE 1 SE	73.8	49.8	61.8		90	31	34	4	169	1	0	0	0	3.53		1.78	7	.0	0		6	1	1
MAYFIELD 2 S	73.9	51.7	62.8	- 4.3	89	31	33	4	137	0	0	0	0	4.10	-.02	1.17	7	.0	0		7	4	1
MURRAY	75.0	51.0	63.0	- 4.3	92	31	34	4	139	1	0	0	0				7	.0	0				
OWENSBORO 2 W	72.9	50.7	61.8	- 3.8	91	31	34	4	169	1	0	0	0	3.93	.05	.98	7	.0	0		9	3	0
PAOUCAH CAA AIRPORT	73.4	52.7	63.1		89	31	34	4	141	0	0	0	0	4.04		.95	6	.0	0		8	4	0
PAOUCAH	73.5	51.2	62.4	- 5.6	87	25	39	4+		0	0	0	0	5.07	1.17	1.89	7	.0	0		7	3	2
PRINCETON	75.0	48.4	61.7	- 5.1	91	31	31	4	168	1	0	1	0	3.95	-.19	2.03	7	.0	0		5	2	2
RUSSELLVILLE	75.0	47.7	61.4	- 4.4	92	31	30	4	181	1	0	2	0	3.89	-.06	1.65	7	.0	0		8	2	1
DIVISION			62.1											3.99				.0					
CENTRAL DIVISION																							
ANCHORAGE	71.5	46.9	59.2	- 4.7	90	31	30	4	223	1	0	3	0	1.86	- 1.88	.62	7	.0	0		5	1	0
BARDSTOWN S J PREP SCH	74.2	47.4	60.8		92	31	29	4+	199	1	0	3	0	2.77		.97	7	.0	0		7	2	0
BOWLING GREEN CAA AP	73.3	48.3	60.8	- 3.6	90	31	32	4	200	1	0	1	0	4.06	.16	1.88	7	.0	0		5	3	1
CAMPBELLVILLE	72.7	47.4	60.1		92	31	31	4+	209	1	0	3	0	3.04		1.42	7	.0	0		6	1	1
CARROLLTON LOCK 1	72.8	46.7	59.8		90	31	32	10	206	1	0	1	0	2.54	- 1.34	.52	3+	.0	0		7	2	0
CLERMONT 1 SSE	75.0	44.8	59.9		93	31	28	5+	214	1	0	6	0	2.30		.92	7	.0	0		5	1	0
COVINGTON W 8 AIRPORT	70.0	47.5	58.8	- 3.7	89	31	31	4	238	0	0	1	0	1.33	- 2.12	.35	7	.0	0		5	0	0
OANVILLE	72.2	49.1	60.7	- 3.7	85	1+	33	4		0	0	0	0	2.40	- 1.77	.74	7	.0	0		7	1	0
DIX OAM	72.6	49.5	61.1		94	31	32	4	194	1	0	1	0	1.99		.76	7	.0	0		5	1	0
FRANKFORT LOCK 4	71.9	45.4	58.7	- 6.4	85	3+	32	10+		0	0	2	0	2.10	- 1.65	.54	29	.0	0		7	1	0
GLASGOW WKAY	72.5	48.3	60.4		90	31	32	4	201	1	0	1	0	3.62		1.91	7	.0	0		5	2	1
GREENSBURG	72.9	46.7	59.8	- 5.2	88	3	32	4+		0	0	3	0	3.71	- .52	1.08	7	.0	0		8	3	1
IRVINGTON	73.6	48.8	61.2	- 4.6	90	31	31	4	177	1	0	1	0	2.61	- 1.13	1.18	7	.0	0		5	2	1
LEITCHFIELD	72.6	49.7	61.2	- 4.2	90	31	33	4	179	1	0	0	0	3.16	- .96	1.80	7	.0	0		6	2	1
LEXINGTON WB AIRPORT	71.1	49.0	60.1	- 2.5	91	31	32	4	213	1	0	1	0	2.23	- 1.33	.68	7	.0	0		6	2	0
LOUISVILLE WB AP	72.6	49.5	61.1	- 4.2	92	31	34	10	188	1	0	0	0	1.86	- 2.07	.39	7	.0	0		7	0	0
LOUISVILLE WB CITY	71.3	52.7	62.0	- 3.9	90	31	37	4	163	1	0	0	0	2.01	- 1.81	.57	28	.0	0		5	1	0
MAMMOTH CAVE PARK	74.1	46.6	60.4	- 4.2	90	31	28	4	205	1	0	5	0	2.92	- .61	1.70	7	.0	0		5	1	1
ST JOHN BETHLEHEM ACAD	71.2	47.0	59.1	- 5.3	86	25	29	4		0	0	4	0	2.86	- 1.23	1.25	7	.0	0		7	1	1
SCOTTSVILLE	73.8	49.9	61.9		92	31	32	4	176	1	0	1	0	3.33		1.13	7	.0	0		8	2	1
SHELBYVILLE 2 W	72.5	48.4	60.5	- 3.9	90	31	32	4	200	1	0	1	0	2.39	- 1.60	.49	3	.0	0		8	0	0
SOMERSET 1 N	71.9	46.5	59.2		89	31	30	10	223	0	0	2	0	3.59		1.46	7	T			7	2	1
SUMMER SHADE	73.1	47.5	60.3		89	30	30	4+	207	0	0	3	0	2.89		1.34	7	.0	0		7	1	1
WILLIAMSTOWN	69.5	47.7	58.6	- 5.7	83	3+	30	5		0	0	3	0	2.40	- 1.32	.62	28	.0	0		7	1	0
WOLF CREEK DAM	74.1	46.1	60.1		89	3+	32	5+		0	0	2	0	3.10		.73	7	.0	0		7	3	0
DIVISION			60.2											2.68				T					
EASTERN DIVISION																							
ASHLAND OAM 29	73.5	48.5	61.0	- 4.0	92	31	32	11		2	0	1	0	2.84	- 1.16	.65	20	.0	0		6	1	0
BARBOURVILLE	75.5	46.0	60.8		91	31	31	10	200	1	0	3	0	3.40		.90	3+	.0	0		5	4	0
BAXTER	71.0	46.2	58.6		88	31	32	10		0	0	1	0	3.32		.65	4	.0	0		8	3	0
BENHAM	71.6	45.4	58.5		87	3+	32	5+		0	0	2	0	4.30		.82	18	T			11	4	0
BEREA COLLEGE	71.5	48.3	59.9	- 5.3	92	31	33	4+	212	1	0	0	0	2.23	- 1.76	1.27	7	.0	0		3	1	1
CORBIN CAA AIRPORT	71.5	45.1	58.3		90	31	29	10	251	1	0	5	0	3.88		1.06	7	.0	0		5	4	1
CYNTHIANA 2	71.3	45.7	58.5		85	31	29	10		0	0	4	0	1.44		.40	3+	.0	0		5	0	0
OEWEY DAM	72.7	46.7	59.7		88	3	32	10		0	0	1	0	2.91		.63	8	.0	0		9	1	0
FARMERS	74.1	45.4	59.8	- 3.9	90	31	30	6+	207	1	0	5	0	3.38	- .73	.55	2+	.0	0		8	2	0
GRAYSON	73.7M	45.9M	59.8M		95	31	32	5+	213	2	0	2	0	2.55		.53	20	.0	0		6	1	0
HEIOELBERG LOCK 14	75.0	45.6	60.3	- 4.2	92	31	30	5+	195	1	0	3	0	2.78	- 1.28	.65	8	.0	0		6	2	0
HINOMAN SETTLEMENT SCH	73.3	41.6M	57.5M		89	2+	28	10		0	0	4	0	4.39		1.10	8	.0	0		9	4	1
INEZ	73.9	46.6	60.3		93	31	32	10	204	2	0	1	0	3.86		1.00	7	.0	0		10	3	1
MANCHESTER 4 SE	73.6	45.7	59.7		92	31	29	5	206	1	0	3	0	3.09		.58	14	.0	0		6	4	0
MAYSVILLE DAM 33	70.1	44.5	57.3	- 7.1	85	3	32	10+		0	0	3	0	2.13	- 1.65	.74	4	.0	0		5	1	0
MIDDLESBORO	75.2	46.3	60.8	- 3.5	90	30+	31	10	192	2	0	2	0	2.81	- 1.24	.67	14	.0	0		8	3	0
MOUNT STERLING	73.3	48.2	60.8	- 3.5	93	31	32	4	194	1	0	1	0	2.24	- 1.89	.85	7	.0	0		6	2	0
PIKEVILLE	74.5	51.3	62.9	- 4.2	94	31	36	10	149	1	0	0	0	5.47	1.69	1.47	26	.0	0		8	5	2
RICHMONO	71.3	47.9	59.6	- 6.1	85	31	32	4		0	0	1	0	1.96	- 1.73	.79	7	.0	0		5	1	0
VANCEBURG OAM 32	71.8	45.3	58.6		86	16	32	4+	220	0	0	3	0	2.88	- .79	.68	2	.0	0		7	2	0
WEST LIBERTY WATER WKS	72.0	42.1	57.1		90	30	30	5		1	0	5	0	2.70		1.50	8	.0	0		5	2	1
WILLIAMSBURG	75.9	46.3	61.1	- 4.8	92	31	31	10	186	1	0	4	0	2.30	- 1.93			.0	0				0
DIVISION			59.6											3.04.0</									



KENTUCKY  
MAY 1954

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See Reference Notes Following Station Index

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
MAY 1954

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RUSSELLVILLE	3.89	.02		.45	.21			1.63						.15	.32			.01	.26		.23									.05	.32			
RUSSELLVILLE SUBSTA	3.65		.03	.51	.12			1.60						.13	.50				.23	.16										.30	.31			
ST JOHN BETHLEHEM ACAD	2.86	.03	T	.15	.22			1.23	T	T					.09						.16								.20	.30	.42			
SALVISA LOCK 6	2.13	.17	T	.16	.37			.63	.23	.02	.02				.01	.02			T		.26									.19	.01			
SALYERSVILLE 2	2.56			.36				1.40	.02						.16			.06			.31									.05				
SCOTTSVILLE	3.33		.22	.36				1.13	.07	.09				.63	.19				.32		.12								.03	.13	.02			
SEBREE	2.99	.13	.16	.69	.08			1.09							T			T		.14	.48						T	.10	.12					
SHAWNEE STEAM PLANT	4.42	.30	.62	.92				1.60											.01		.27								.11	.12	.74			
SHELBYVILLE 2 W	2.39	.20	.02	.49	.26			.40	.15	.02					.03				.02		.27								.25	.26				
SHEPHERSVILLE	2.09	.06		.12	.26			.60	.14						.03						.23						.07	.04	.09	.19				
SOMERSET 1 N	3.39		.04	.32				1.46	.02					.06	.38				.26	.02	.07							.23	.19		.32			
SPRINGFIELD	2.98	.22		.41	.31			1.14	.07	T						.05		T		.19									.13	.06				
STEARNS	2.99		.33	.26				.20	.52	.09					.51	.06			.46	.33								.14		.07				
SUMMER SHADE	2.89		.22	.22			T	1.34	.07					.33	.10				.31	T	.17								.09	.04				
SUMMER SHADE SUBSTA	3.16			.32	.24			1.22	.13	.09				T	.46	T			.37		.16								T	.13				
TAYLORSVILLE	2.61	.35		.36	.26			.82	.03	.11					.03				.03		.26							.06		.24				
TOMPKINSVILLE 2	3.10			.18	.35			1.00	.24	.14					.32				.13	.12								.03	.40	.33	.03			
TURKEY CREEK SCHOOL	3.67	.41	.02	.53	.03			1.34		.02					.03			.04	.29	.02	.14		.01					.03	.12		.33	.03		
TYRONE LOCK 3	1.64	.06		.12				.37	.22	T					T	.06			T		.23										.34			
UNIONTOWN DAM 49	3.49	.26	.67	.51				.70							T	T		.01	.02	.04	.70						T	.04		.54				
VALLEY VIEW LOCK 9	1.77	.04		.03	.37			.65	.30	.06					.04	.02			T		.13							T		.09	T			
VANBUREN	2.63	.20		.30	.36			.60	.10												.25								.37	.43				
VANCEBURG DAM 32	2.66	.37	.66	.43	.60			.26	.18	.06									.01		.02									.23				
WAYNESBURG 6 E	2.76			.11	.43			.81	.30					.26	.02				.17		.31									.13				
WEST LIBERTY WATER WKS	2.70			.52				1.50	.10						.36						.20													
WESTPORT	2.10	.42	.10					.63	.15						T		T			T	.34					T	.12		.32			T		
WILLIAMSBURG	2.30			.93				.71		.10				.02					.43		.06								.01					
WILLIAMSTOWN	2.40		.10	.24	.20			.46	.03										.36		.29								.62					
WILLOW LOCK 13	4.73	.06	.63	.17	.30			.83	.58						.32	.08			.06		.26							1.14		.26				
WOLF CREEK DAM	3.10			.22	.27			.73	.30	.12					.59	.06			.49		.04								.04	.02				
WOODBURY LOCK 4	2.92			.37	.19			1.57	.04						.43				.13		.03									.16				

# DAILY TEMPERATURES

KENTUCKY  
MAY 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	82	84	67	54	60	69	63	59	58	61	69	65	67	69	75	82	69	72	57	63	69	75	80	85	79	78	82	76	77	82	90	71.5
	MIN	64	65	42	30	32	34	50	33	36	31	40	41	46	51	47	49	56	50	45	45	35	41	42	47	56	57	60	60	62	50	58	46.9
ASHLAND OAM 29	MAX	84	90	78	56	60	69	64	61	58	61	68	78	69	66	68	75	82	76	61	60	64	74	80	83	83	80	82	89	84	83	92	73.5
	MIN	60	59	46	34	36	36	51	41	41	36	32	46	41	53	52	60	49	55	47	52	47	37	45	48	54	53	60	59	68	51	54	48.5
BARBOURVILLE	MAX	87	85	88	58	62	66	71	68	65	65	68	73	75	60	75	79	82	80	62	63	67	71	77	85	86	86	84	87	87	89	91	75.5
	MIN	60	61	56	32	32	33	43	38	40	31	35	37	51	49	47	53	50	40	44	49	36	35	41	41	47	55	58	59	60	61	51	46.0
BARSTOWN S J PREP SCH	MAX	85	87	71	55	61	69	67	62	61	62	69	69	67	70	75	82	82	74	72	63	68	74	81	85	84	82	85	85	77	85	92	74.2
	MIN	66	64	42	29	31	33	49	33	39	29	37	42	46	54	49	48	58	53	43	46	34	41	42	46	55	57	60	63	66	50	44	47.4
BAXTER	MAX	81	83	85	66	55	60	66	63	60	59	60	66	70	66	56	64	57	77	72	66	54	66	73	77	81	82	81	83	81	83	88	71.0
	MIN	59	60	61	35	35	35	36	41	42	32	37	38	48	48	48	49	49	51	43	44	37	37	38	42	43	54	58	58	61	59	53	46.2
BEAVER OAM	MAX	84	86	69	57	63	70	64	61	60	65	71	69	65	66	78	83	79	74	70	65	71	75	81	86	85	82	85	82	80	86	92	74.3
	MIN	62	66	43	29	34	34	50	33	39	31	36	42	50	51	43	42	59	54	45	44	34	43	44	47	56	61	63	64	61	49	58	47.3
BENHAM	MAX	84	84	87	70	55	59	67	65	62	59	60	63	70	56	56	74	80	76	73	65	55	71	73	78	82	82	77	85	83	83	87	71.6
	MIN	65	62	58	35	32	33	41	40	45	32	39	38	50	47	48	42	46	51	41	36	35	33	34	39	46	46	57	60	64	52	59	45.4
BEREA COLLEGE	MAX	85	85	69	53	60	68	64	60	58	60	67	65	64	63	70	79	69	71	63	60	66	72	80	82	82	79	84	81	82	85	92	71.5
	MIN	67	64	42	33	33	37	49	36	43	33	45	44	48	50	52	60	54	56	45	46	35	39	41	50	52	56	59	60	67	49	52	48.3
BOWLING GREEN CAA AP	MAX	82	84	66	57	63	68	64	61	62	63	70	71	55	64	76	71	79	75	63	67	72	75	81	85	88	82	84	80	80	86	90	73.3
	MIN	67	64	38	32	36	38	41	36	38	35	40	44	50	50	46	59	59	49	44	44	38	43	46	50	56	63	66	66	56	52	59	48.3
CAMPBELLSVILLE	MAX	84	86	68	55	62	68	65	62	60	62	70	68	60	64	75	78	76	73	65	64	68	75	81	82	84	80	84	79	79	86	92	72.7
	MIN	65	63	42	31	32	34	49	34	40	31	37	42	49	50	51	47	57	54	43	45	36	40	44	48	54	58	61	63	64	50	56	47.4
CARROLLTON LOCK 1	MAX	82	83	71	54	61	66	62	57	58	59	71	68	66	71	73	83	80	72	69	63	70	77	88	85	82	75	82	78	79	83	90	72.8
	MIN	65	63	44	33	36	34	51	33	34	32	40	43	40	52	47	46	51	50	43	45	37	39	43	46	56	53	59	59	67	52	56	46.7
CLERMONT 1 SSE	MAX	85	86	72	57	64	70	67	63	60	62	70	70	65	69	78	84	82	75	72	65	70	76	82	87	85	81	85	84	81	85	93	75.0
	MIN	66	63	42	29	28	30	49	30	37	28	35	39	44	51	44	41	52	50	40	46	32	38	39	42	54	56	60	60	64	46	55	44.8
CORBIN CAA AIRPORT	MAX	83	85	68	53	59	68	66	61	60	60	66	70	62	57	66	78	75	72	66	60	65	72	78	81	83	81	83	80	84	86	90	71.5
	MIN	63	61	41	31	30	32	48	38	40	29	36	40	50	49	48	44	56	48	41	39	31	35	39	43	49	55	60	58	60	53	52	45.1
COVINGTON W 8 AIRPORT	MAX	81	82	66	50	57	63	58	54	51	55	66	65	67	73	76	80	72	70	58	62	68	75	82	84	77	71	81	76	77	83	89	70.0
	MIN	66	64	38	31	36	34	41	33	36	33	44	41	47	51	49	51	58	47	47	42	38	39	49	54	59	52	58	65	56	53	60	47.5
CYNTHIANA 2	MAX	79	83	82	57	54	60	67	64	60	57	59	67	66	62	71	74	79	74	74	58	63	69	74	80	84	82	83	84	79	79	85	71.3
	MIN	64	62	52	31	33	32	50	33	36	29	33	41	42	57	54	46	52	52	44	45	32	35	39	43	54	51	55	57	65	45	52	45.7
DANVILLE	MAX	85	83	85	64	55	62	70	65	60	61	62	70	69	63	62	73	81	76	75	59	60	69	74	80	85	83	78	84	80	81	85	72.2
	MIN	65	65	64	33	35	38	40	37	40	34	36	45	48	50	50	53	57	55	46	45	38	41	46	51	57	58	60	64	65	51	55	49.1
DEWEY OAM	MAX	83	86	88	69	57	61	69	63	60	59	61	67	70	66	62	68	80	76	75	69	56	67	74	79	83	85	83	83	86	85	85	72.7
	MIN	57	58	63	36	37	37	38	41	40	32	35	42	44	49	51	50	52	54	44	47	36	38	40	45	48	52	58	59	60	55	51	46.7
DIX OAM	MAX	85	86	70	53	60	67	62	61	58	59	67	67	65	63	73	80	78	72	66	62	67	74	79	83	83	81	86	83	83	85	94	72.6
	MIN	63	69	42	32	34	36	50	37	43	34	42	46	48	51	53	50	59	55	47	46	41	43	46	50	59	59	62	62	62	53	59	49.5
FARMERS	MAX	85	87	79	54	60	70	68	60	58	60	68	68	69	66	72	81	81	75	73	63	67	75	80	84	85	82	84	85	82	86	90	74.1
	MIN	58	60	45	32	31	30	50	37	39	30	37	43	41	51	51	45	53	56	43	46	32	34	39	43	50	52	58	56	64	48	52	45.4
FORSYTH FERRY OAM 50	MAX	83	75	69	58	64	66	60	61	61	66	72	67	68	71	80	84	78	74	70	64	70	70	83	86	81	82	85	83	79	85	91	73.7
	MIN	63	64	45	38	40	42	52	39	40	40	42	49	50	51	51	54	63	56	52	45	42	50	49	55	61	61	65	67	62	55	65	52.0
FRANKFORT LOCK 4	MAX	83	83	85	69	55	61	67	65	59	58	59	64	68	67	68	76	81	70	74	55	64	70	75	79	85	83	81	83	79	78	84	71.9
	MIN	66	63	63	33	33	33	35	35	35	32	32	39	43	45	48	47	47	55	45	46	36	36	39	42	45	55	57	60	60	52	51	45.4
GLASGOW WKAY	MAX	83	85	67	54	61	67	65	61	60	62	68	68	61	62	74	79	77	73	68	66	68	74	78	82	83><							



# DAILY TEMPERATURES

KENTUCKY  
MAY 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	84	85	66	56	64	69	65	62	61	63	70	71	65	66	76	80	78	75	72	67	71	75	80	85	85	83	83	82	80	87	90	74.1
	MIN	65	62	43	28	30	33	50	31	39	29	37	41	49	51	45	48	58	57	40	47	32	39	41	44	55	58	65	61	61	47	59	46.6
MANCHESTER 4 SE	MAX	80	87	74	57	61	69	67	62	61	62	69	73	67	60	69	80	78	74	69	63	67	74	80	84	80	82	84	86	86	86	92	73.6
	MIN	62	60	45	32	29	33	52	39	40	30	39	39	50	50	48	45	50	57	42	49	36	35	38	42	48	54	56	54	56	55	51	45.7
MAYFIELD 2 S	MAX	78	76	68	57	65	68	67	68	64	67	72	70	63	70	78	82	77	75	71	66	72	69	81	83	85	79	83	83	81	83	89	73.9
	MIN	62	63	42	33	41	45	54	40	43	40	43	47	50	55	49	55	59	55	53	44	39	52	49	56	60	62	63	65	60	56	68	51.7
MAYSVILLE DAM 33	MAX	73	84	85	67	50	58	64	61	58	58	58	67	69	69	70	72	81	70	72	56	61	65	73	77	81	76	78	82	80	77	80	70.1
	MIN	63	62	62	33	33	33	35	35	35	32	35	43	39	39	51	46	47	52	46	46	32	32	36	43	48	57	48	58	58	50	50	44.5
MIDDLESBORO	MAX	85	85	83	57	64	71	65	65	63	65	71	74	69	59	67	81	81	78	74	63	68	75	81	84	85	84	85	83	87	90	90	75.2
	MIN	60	59	53	33	32	33	52	38	43	31	33	36	51	51	50	46	49	59	40	50	33	34	37	40	46	54	57	56	68	59	52	46.3
MOUNT STERLING	MAX	86	82	69	55	61	70	62	62	60	62	69	68	68	63	71	82	76	76	66	63	68	74	80	85	84	80	86	83	83	85	93	73.3
	MIN	63	63	43	32	34	37	49	37	40	33	41	46	44	50	51	52	57	55	47	44	37	40	45	49	58	52	60	60	65	49	60	48.2
MURRAY	MAX	80	79	67	58	67	68	67	66	65	68	74	73	63	69	80	85	81	77	73	67	72	66	81	87	85	84	83	84	78	86	92	75.0
	MIN	65	65	44	34	38	44	55	37	44	37	42	45	52	54	47	53	60	57	49	46	38	48	46	51	57	63	66	67	62	52	64	51.0
DWENSBORO 2 W	MAX	80	79	70	55	62	66	61	59	56	63	70	67	68	69	80	83	73	74	66	64	72	75	82	87	85	78	82	81	78	84	91	72.9
	MIN	68	68	43	34	40	39	51	38	44	36	40	47	48	54	47	50	60	54	51	42	39	47	47	51	62	63	64	66	63	55	61	50.7
PAOUCAH CAA AIRPORT	MAX	80	74	60	57	65	67	63	65	62	67	72	70	67	71	80	83	73	76	70	67	74	67	82	86	84	79	81	82	77	84	89	73.4
	MIN	64	60	41	34	42	46	44	41	45	40	46	50	51	55	51	58	61	56	52	45	41	52	61	56	64	64	64	68	60	54	68	52.7
PAOUCAH	MAX	82	76	75	55	55	64	66	63	64	63	66	72	71	68	74	80	84	75	77	71	68	74	70	82	87	85	80	83	83	82	85	73.5
	MIN	64	64	46	39	39	44	48	40	45	39	39	48	51	52	50	54	61	55	50	45	39	47	49	54	60	64	65	65	62	50	60	51.2
PIKEVILLE	MAX	88	88	75	59	62	72	67	64	61	64	67	75	63	60	66	83	78	73	70	56	70	74	80	84	87	84	84	86	88	88	94	74.5
	MIN	61	65	51	41	38	39	51	47	45	36	44	47	51	51	53	54	54	61	56	51	44	41	44	49	53	59	61	62	65	61	56	51.3
PRINCETON	MAX	80	76	68	58	65	70	65	64	64	69	73	73	68	70	81	84	80	79	72	69	69	67	84	87	86	81	85	83	78	85	91	75.0
	MIN	63	65	53	31	38	40	52	38	34	33	38	43	50	49	41	46	58	56	42	46	42	42	43	53	56	62	63	65	61	49	58	48.4
RICHMOND	MAX	83	83	84	65	54	59	67	63	59	59	59	66	67	65	63	72	80	73	72	61	62	67	73	78	83	83	79	84	80	81	85	71.3
	MIN	63	62	65	32	34	36	48	36	39	34	41	43	46	50	51	52	58	55	44	46	35	37	40	44	57	57	57	58	66	46	53	47.9
RUSSELLVILLE	MAX	83	84	66	59	65	71	67	65	63	66	73	72	64	72	78	82	82	74	68	66	72	74	81	85	87	81	85	82	80	87	92	75.0
	MIN	67	65	42	30	34	38	52	33	44	32	37	43	48	46	44	49	59	59	43	46	34	40	42	47	54	59	65	65	60	47	56	47.7
ST JOHN BETHLEHEM ACAD	MAX	82	82	84	58	55	62	68	67	60	60	60	68	66	62	65	76	81	73	74	55	63	69	74	80	86	81	79	83	75	78	82	71.2
	MIN	63	65	52	29	32	34	45	34	35	31	32	42	46	50	45	45	55	52	47	46	36	41	42	47	56	60	62	63	61	50	60	47.0
SCOTTSVILLE	MAX	85	85	66	58	64	68	66	64	62	64	71	70	63	62	76	80	78	74	69	66	70	74	80	84	85	82	84	80	80	87	92	73.8
	MIN	68	66	43	32	35	39	51	35	42	34	40	45	50	53	46	57	58	61	45	48	37	44	45	49	56	61	64	67	63	52	60	49.9
SHELBYVILLE 2 W	MAX	82	83	70	55	60	67	63	59	57	58	69	66	65	68	76	82	77	70	69	63	68	76	81	85	82	82	84	81	77	84	90	72.5
	MIN	66	64	42	32	33	34	50	34	37	37	40	44	44	53	48	50	57	52	47	44	38	45	45	50	57	58	61	61	65	52	60	48.4
SOMERSET 1 N	MAX	82	84	68	55	61	68	64	61	61	60	68	69	62	60	68	78	76	74	68	61	66	73	79	81	84	81	82	80	81	86	89	71.9
	MIN	63	62	44	38	31	33	50	35	40	30	40	41	50	50	51	45	50	58	42	47	34	37	40	43	50	56	59	58	62	50	53	46.5
SUMMER SHADE	MAX	85	86	64	55	62	68	66	62	60	65	70	70	57	63	74	80	77	73	61	65	69	76	80	85	86	86	86	79	81	89	86	73.1
	MIN	62	64	42	30	30	36	49	34	39	32	36	43	49	51	51	50	56	55	43	46	36	41	43	50	53	60	62	65	61	51	54	47.5
VANCEBURG DAM 32	MAX	79	82	69	54	60	63	62	60	58	61	69	68	68	72	76	86	74	76	65	58	65	75	80	84	83	80	78	81	75	80	85	71.8
	MIN	59	57	44	32	32	33	49	35	39	34	40	43	36	51	50	42	55	52	46	44	32	34	42	42	52	50	58	60	65	48	48	45.3
WEST LIBERTY WATER WKS	MAX	84	85	87	68	60	62	67	62	60	58	60	67	65	64	62	75	80	73	70	65	60	65	70	75	85	80	85	84	88	90	87	72.0
	MIN	55	56	58	32	30	35	34	38	38	36	36	32	32	33	40	42	50	50	41	38	32	34	36	36	42	51	52	50	53	58	54	42.1
WILLIAMSBURG	MAX	86	88	85	56	62	70	71	65	54	63	70	73	68	70	71	81	85	81	73	69	73	75	79	84	86	82	86	82	86	88	92	75.9
	MIN	68	62	45	32	32	34	51	38	41	31	32	39	52	51	48	41	51	58	50	43	39	35	37	39	48	56	59	51	62	57	54	46.3
WILLIAMSTOWN	MAX	78	82	83	56	52	58	65	59	58	54	58	66	64	67	70	75	80	70	70	53	62	67	75	80	83	77	78	81	77	75	82	69.5
	MIN	64	63	49	31	30	36	49	35	38	32	41	42	43	51	49	54	56	48	44	41	37	42	50	55	59	51	54	59	64	53	59	47.7
WOLF CREEK DAM																																	

# STATION INDEX

KENTUCKY  
MAY 1984

Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables		
ADDISON DAM 45	0051	WRECKENRIDGE	7 37 55	86 34	380	6A	CORPS OF ENGINEERS	3	C	LIBERTY	4755	CASEY	3 37 21	84 55	772	7A	PALLIA F. MANILA	3	C		
ADOLPHUS 1 M	0052	ALLEN	3 36 39	86 16	600	7A	JOEL M. GEARING	3	C	LITTLE NICKMAN LOCK 8	4825	JESSAMINE	4 37 48	83 53	860	7A	CORPS OF ENGINEERS	3	C		
ALARMY	0065	CLINTON	2 56 42	86 07	950	7A	MRS. BARBARA M. COOL	3	C	LOCKPORT LOCK 2	4857	NENNY	4 38 28	84 58	483	8A	CORPS OF ENGINEERS	3	C		
ALWAYS FLOYD	0095	ALLEN	1 37 35	82 43	650	6A	HANNIE AULIER	3	C	LOGLOCK 1 8	4882	CLARK	4 37 51	84 02	—	—	MID U.S. FOREST SERVICE	3	C		
ALCOHAGE	0155	JEFFERSON	7 38 16	85 33	700	7P	C. E. BARRETT	2 3 5	C	LONDON 3 5H	4893	LAUREL	2 37 09	84 08	1217	—	—	—	—		
ASCAPAC	0246	PIKE	1 37 18	82 26	1100	8A	MARY S. RATLIFF	3	C	LOUISA	4946	LAWRENCE	1 36 07	82 37	584	8A	JULIUS M. RAMSIN	3	C		
ASHLAND DAM 29	0254	BOYD	7 58 27	82 36	551	3P	7A	CORPS OF ENGINEERS	2 3 5 7	LOUISA 2	4946	LAWRENCE	1 36 07	82 37	600	7A	EDDIE L. YOUNG	3	C		
BARBOURVILLE	0981	KNOX	2 36 52	83 59	1000	6P	6P	UNION COLLEGE	2 3 5 C	LOUISVILLE BONHAM FLD	4951	JEFFERSON	7 36 13	85 40	358	—	—	—	—		
BARSTOWN S.J., PREP SCH	0997	NELSON	7 57 48	82 20	637	6P	6P	ST. JOSEPH PREP SCH	2 3 5 C	LOUISVILLE WR AP	4954	JEFFERSON	7 36 11	84 44	474	MID U.S. WEATHER BUREAU	2 3 5 7 C	—	—		
BAXTER	0450	HARLAN	2 36 31	83 20	1164	7A	C. K. NOKER NOUN	2 3 5 C	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 46	403	—	—	—	—			
BEAVER DAM	0490	ONIO	3 37 25	86 52	441	8P	E. G. G. YOUNG	2 3 5 7	LOUISVILLE WR CITY	4956	JEFFERSON	7 38 13	85 44	467	MID U.S. WEATHER BUREAU	2 3 5 C	—	—			
BENHAM	0595	HARLAN	2 33 50	82 57	1580	8A	B. C. C. WHITEAKER	2 3 5 7	LOVELACEVILLE	4967	RALLARD	8 36 56	86 50	170	8P	6P	RAINE MALONE	2 3 5 C	—		
BENTON	0611	MARSHALL	9 36 51	80 20	595	MID	MID JAMES N. MILLER	2 3 5 C	LUCAAS	5002	RARREN	6 38 53	86 02	740	—	—	—	—			
BELLEVILLE	0619	MAISON	4 37 34	84 18	1070	8P	6P	JAMES A. CROSSMAN	2 3 5 C	MAISONVILLE 1 6E	5067	HOPKINS	7 36 18	83 42	516	7A	CORPS OF ENGINEERS	2 3 5 C	—		
BEREA WATER WORKS	0624	MAISON	4 57 34	84 18	1100	—	—	—	—	MAMMOTH CAVE PARK	5087	EDMONSON	3 37 11	86 06	800	3P	5P	NATIONAL PARK SVC	2 3 5 7	—	
BOWLING GREEN	0904	WARREN	5 37 00	86 26	536	7A	JAMES R. EDWARDS	3	C	MAMMOTH CAVE 4 SE	5111	CLAY	4 37 06	83 43	860	3P	7A	NORA S. WHITE	2 3 5 C	—	
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	7A	7A	TV-859	2 3 5 7	MAYFIELD STATION	5230	GRAVES	8 36 44	80 39	664	5P	7A	TV-859-A	2 3 5 C	—	
BOWLING GREEN CAA AP	0909	WARREN	3 36 58	86 26	595	MID	MID CIVIL AERO. ADM.	2 3 5 7	—	MAYFIELD 2 6	5232	GRAVES	8 36 42	80 38	516	5P	5P	MRS. JOE PAYNE	2 3 5 C	—	
BOWLING GREEN WTR WKS	0914	WARREN	3 37 00	86 26	505	7A	CORPS OF ENGINEERS	6	C	MAYSVILLE DAM 33	5243	MARION	4 36 09	84 41	—	—	—	—	—		
BRENT DAM 36	0978	CAMPBELL	7 39 05	84 25	497	7A	CORPS OF ENGINEERS	3	C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	—	—	—	—		
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A	STINSON SEAGOS	3	C	MC KINNEYBURG	5301	PENOLETON	5 38 38	84 16	354	—	—	—	—		
BURDINE 2 NE	1120	PIKE	1 37 15	82 35	1643	8A	EDWIN E. JOHNSON	3	C	MIDDLEBORO	5389	BELL	2 36 37	83 43	1130	3P	7A	LOH L. MERRELL	2 3 5 C	—	
BURKESVILLE	1137	CUMBERLAND	2 56 47	85 22	600	7A	MARVIN M. LEE	3	C	MIDDLEBORO BB STA	5394	BELL	2 36 37	83 43	1130	3P	7A	SHED C. PEAR	2 3 5 C	—	
CADIZ LOCK E	1206	TRIGG	2 56 46	87 58	424	7A	CORPS OF ENGINEERS	3	C	MIDWAY	5407	WOODFORD	4 36 09	84 41	—	—	—	—	—		
CAMPBELLVILLE	1256	TAYLOR	3 57 20	85 21	777	6P	6P	ALVA MC KINLEY	2 3 5 C	MILLERSBURG	5430	BOURBON	5 38 10	84 09	—	—	—	—	—		
CARROLLS LOCK 1	1345	CARROLL	4 38 41	85 11	400	6A	CORPS OF ENGINEERS	2 3 5 C	—	MILLERSBURG	5438	GRAYSON	3 37 27	86 06	680	7A	MRS. O. W. LAWLER	3	C		
CENTRAL CITY	1439	MUNLENSBERG	3 37 17	87 07	453	MID	JAMES F. RICE	2 3 5 C	—	MONTICELLO	5524	WAYNE	2 36 50	84 50	960	7A	ALVIN L. BERTHARD	2 3 5 C	—		
CHILLITT 1 SSE	1511	CLINTON	3 37 00	86 07	470	5P	5P	BENJAMIN FLEMING	2 3 5 C	MONTICELLO STATE COLLEGE	5555	PARSON	2 37 11	86 26	770	—	—	—	—		
CLINTON	1651	HICKMAN	6 36 41	87 00	370	MID	WOODSON O. FRANKLIN	3	C	MOUNT STEBLING	5640	MONTGOMERY	2 36 04	83 56	930	5P	5P	FRED CARTMILL	2 3 5 C	—	
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A	CORPS OF ENGINEERS	3	C	MURRAYVILLE	5684	MART	3 37 16	85 53	636	7A	MURRAY E. HODGES	3	C		
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	7A	MRS. MAZEL B. PICKETT	3	C	MURRAY	5684	CLONAY	9 36 33	88 20	600	6P	6P	MURRAY WATER SYSTEM	2 3 5 7	—	
CORBIN CAA AIRPORT	1801	WHITLEY	2 36 54	84 19	1175	MID	MID CIVIL AERO. ADM.	2 3 5 7	—	OLIVE HILL 1 HW	5812	CARTER	7 38 18	83 11	752	—	—	—	—		
FRANKFORD WB AIRPORT	1806	SIMPSON	3 36 05	84 40	889	MID	MID U.S. WEATHER BUREAU	2 3 5 7 C	—	OLIVE HILL 2	5812	CARTER	7 38 18	83 11	752	—	—	—	—		
CUMBERLAND FALLS ST PK	1949	WHITLEY	3 36 50	84 19	1070	7A	CY DEPT OF CONG.	6	C	ONEONTA DAM 35	6055	CAMPBELL	7 38 50	84 10	512	7A	CORPS OF ENGINEERS	3	C		
CYNTHIANA	1998	HARRISON	5 38 23	84 18	664	7A	MARSHALL MILL	6	C	OWENSBORO 2 W	6091	DAVIES	7 37 46	87 09	420	6P	7A	VIBIGIL O. CLARK	2 3 5 7	—	
CYNTHIANA 2	2005	HARRISON	5 38 23	84 17	719	8A	KA. CARROLL GAIKY	2 3 5 C	—	OWENSBORO 4 M	6096	DAVIES	7 37 47	87 06	404	7A	CORPS OF ENGINEERS	3	C		
DANVILLE	2040	BOYLE	4 57 39	84 46	955	7A	B. P. COLEIRON	2 3 5 7	—	PADUCAN CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	398	MID	MID CIVIL AERO. ADM.	2 3 5 7	—		
DAYELLA	2055	MARTIN	1 57 48	82 32	718	MID	BERTHA DE LONG	3	C	PADUCAN	6115	MC CRACKEN	7 37 08	88 47	540	3A	6A	WESTERN P. LACKEY	2 3 5 C	—	
DEPHIA 1 E	2132	PERBY	4 37 02	83 07	1847	7A	GENE T. NILTON	3	C	PADUCAN ARMOBY	6117	MC CRACKEN	7 37 05	88 35	344	—	—	—	—		
DEMA	2139	KNOTT	1 37 25	82 48	850	5P	HATTIE B. BARNEY	3	C	PAINTSVILLE	8136	JOHNSON	1 37 49	82 48	620	7A	JESSE FAIRCHILD	3	C		
DEWEY DAM	2180	FLOYD	1 37 45	82 47	655	7A	CORPS OF ENGINEERS	2 3 5 7 C	—	PIKEVILLE	8553	PIKE	1 57 29	82 31	686	3P	8P	U.S. WEATHER BUREAU	2 3 5 7 C	—	
DIX DAM	2214	MERCER	4 57 48	84 43	917	4P	C. M. W. WILLIAMS	2 3 5 8	—	PIKEVILLE	8584	BELL	2 36 45	86 12	700	5P	8P	NOBLE ALLEN	2 3 5 7	—	
DUNGEON BARRETS FORD BR	2358	ONIO	3 37 53	84 43	450	7A	J. L. HUFF	3	C	PIKEVILLE	8584	BELL	2 36 45	86 12	700	5P	8P	NOBLE ALLEN	2 3 5 7	—	
DUNMORE	2366	MUNLENSBERG	3 37 05	87 00	610	7A	M. D. GIVENS	3	C	RAVENNA LOCK 12	8679	ESTILL	4 37 40	83 57	634	7A	CORPS OF ENGINEERS	3	C		
DUNNVILLE	2374	CASEY	3 37 13	84 58	—	—	—	—	—	BICHMOND	8685	MADISON	4 37 44	84 18	1085	8A	8A	THOMAS C. HERNDON	2 3 5 C	—	
DYER	2391	BRECKENRIDGE	3 37 45	86 13	795	MID	LENA BLAIR	3	C	ROCHESTER LOCK 3	8882	ONIO	3 37 13	86 34	401	—	—	—	—		
EDDYVILLE LOCK F	2445	LYON	2 36 05	87 05	420	8P	7A	CORPS OF ENGINEERS	3	C	RUNYER LOCK 2	7039	MC LEAN	3 37 32	87 16	584	—	—	—	—	
EDMONTON	2469	METCALFE	3 37 00	85 37	885	7A	JOHN E. MORAN	3	C	ST HARRY	7096	MARION	8 37 35	85 21	780	—	—	—	—		
ELKHORN CITY	2528	PIKE	1 37 18	82 21	800	8A	MRS KELSIE SCAMMELL	3	C	RUSSELLVILLE SUBSTA	7054	LOGAN	3 38 50	86 54	576	7A	TV-683	2 3 5 C	—		
FALMOUTH	2775	PENOLETON	3 38 40	84 20	580	7A	FRANK M. LAWSON	3	C	SADLEVILLE	7074	SCOTT	8 38 23	84 33	974	—	—	—	—		
FARMERS	2781	RONAN	3 38 09	83 03	860	8P	MRS. C. C. STAMPER	2 3 5 7	—	ST JOHN NETHLEMAN ACAD	7091	HARDIN	8 37 42	85 59	777	7A	7A	SISTER M. MELTIMA	2 3 5 7	—	
FLEMINGSBURG	2908	FLEMING	5 38 25	83 43	470	5P	5P	JEAN FLEMING	2 3 5 7	—	ST HARRY	7096	MARION	8 37 35	85 21	780	—	—	—	—	
FLEMINGSBURG 2	2908	FLEMING	5 38 25	83 43	470	5P	5P	MAURICE B. CARPENTER	2 3 5 7	—	SALYSA LOCK 6	7121	MERCER	4 37 58	84 49	620	7A	CORPS OF ENGINEERS	3	C	
FORD LOCK 1 G	2958	MADISON	4 37 58	84 15	595	8A	CORPS OF ENGINEERS	3	C	SALYSAVILLE	7129	MAGOFFIN	5 37 45	85 03	859	—	—	—	—		
FORDS FERRY DAM 50	3184	CRITTENDEN	7 37 28	84 06	354	6P	6P	CORPS OF ENGINEERS	2 3 5 7 C	SALYSAVILLE	7134	MAGOFFIN	5 37 45	85 04	900	—	—	—	—		
FRANKFORT LOCK A	3026	FRANKLIN	4 38 19	84 52	504	6A	6A	CORPS OF ENGINEERS	2 3 5 C	SCOTTSVILLE	7215	ALLEN	3 36 45	86 12	700	5P	8P	NOBLE ALLEN	2 3 5 7	—	
FRANKLIN WATER WORKS	3036	SIMPSON	3 38 45	88 34	580	7A	7A	NEWMAN D. NEAL	3	C	SHERRY	7294	VERSTER	3 37 38	87 32	348	—	—	—	—	
FREEBURN	3048	PIKE	1 37 34	83 08	727	8A	JOHN E. TANNER	3	C	SHANNEY STEAM PLANT	7311	MC CRACKEN	7 37 09	88 47	355	—	—	—	—		
FREIBURG	3052	HEWITT	3 37 57	83 39	730	7A	7A	FRENBURG SCHOOL	3	C	SHERRYVILLE 2 W	7324	SHELBY	8 38 15	85 18	823	6P	7A	WILLA S. A. RATTIA	2 3 5 C	—
GEORGETOWN WATER WORKS	3194	SCOTT	4 58 12	84 33	680	—	—	—	—	SHERRILLVILLE	7334	BULLITT	6 38 00	88 44	—	—	—	—	—		
GEST LOCK 3	3209	NENNY	4 36 25	84 38	490	7A	CORPS OF ENGINEERS	3	C	SHWITFIELD 4 S	7473	SHELBY	8 38 20	85 16	862	—	—	—	—		
GLASCO	3241	BARREN	3 37 00	85 35	780	6P	6P	EMILY M. BEAN	2 3 5 C	SOMERSET	7508	PULASKI	2 37 06	84 57	1050	—	—	—	—		
GLASGOW WEAY	3243	BARREN	3 37 00	85 35	800	6P	6P	RADIO STATION WY 23	2 3 5 C	SOMERSET 1 M	7510	PULASKI	2 37 07	84 57	1050	—	—	—	—		
GLENDALE	3252	MADISON	3 37 36	85 55	700	7A	DAVID W. RELL	3	C	SPRINGFIELD	7604	WASHINGTON	6 37 41	85 14	738	—	—	—	—		
GOLDEN POND 8 M	3295	TRIGG	2 36 54	86 00	393	4P	4P	FISH & WILF REFUGUE	2 3 5 C	STARKS	7677	MC CREARY	2 36 43	84 28	1420	—	—	—	—		
GRANT DAM 58	3358	BOONE	7 38 59	84 49	503	6A	CORPS OF ENGINEERS	3	C	SUMNER SHADE	7800	METCALFE	3 36 38	85 43	—	6P	6P	ONAS H. MC MURTRY	2 3 5 C	—	
GRAYSON	3391	CARTER	7 38 19	82 57	569	7P	7A	SHIMBLEY I. STATEN	2 3 5 C	SUMNER SHADE SUBSTA	780										

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For those stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 5, 7 and the Station Index. No record in Tables 2 and 6 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

S Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are unusually accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

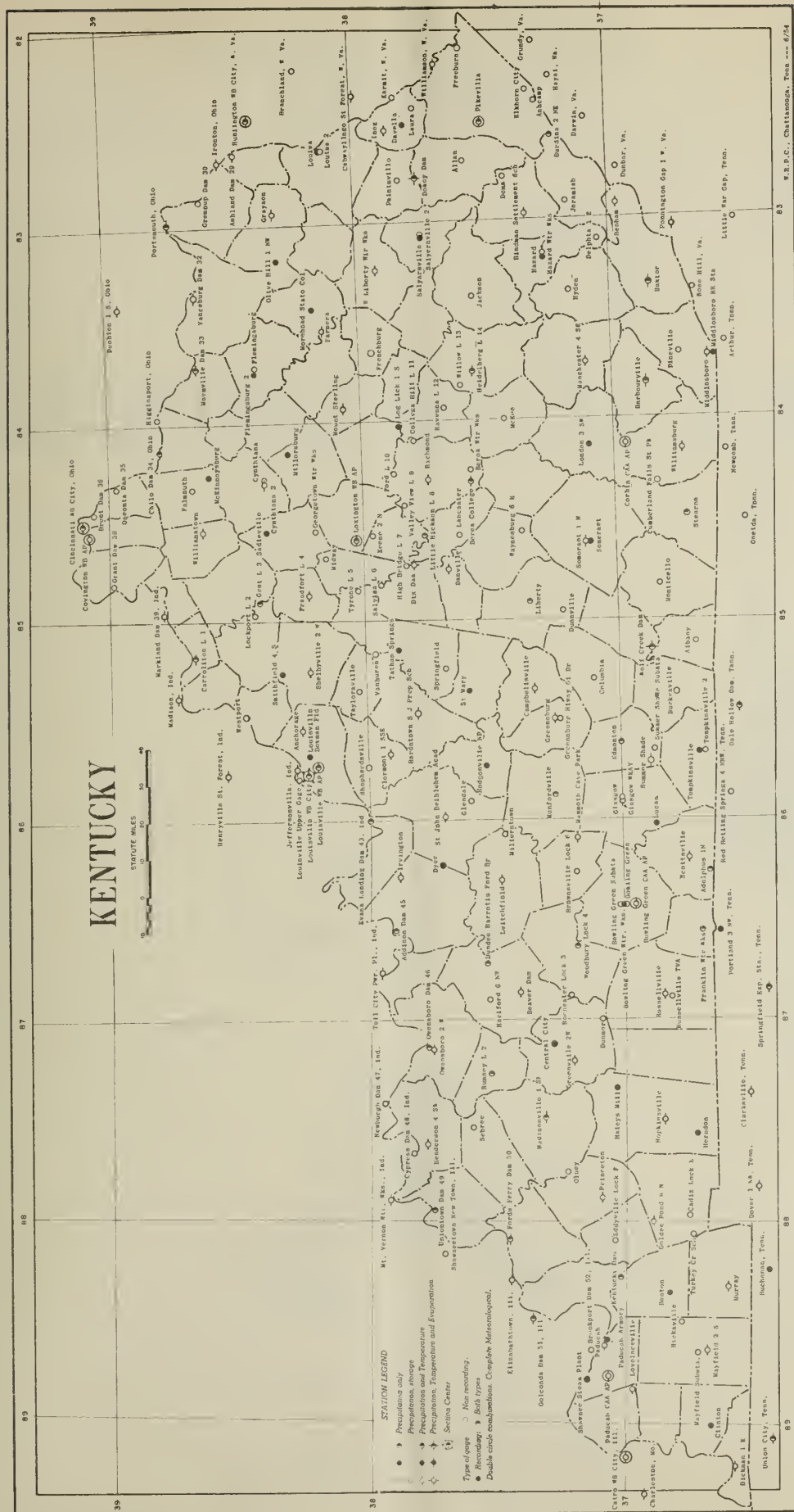
T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 6/30/54 --- 775





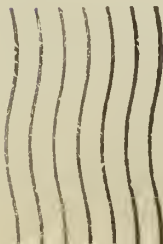
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# CLIMATOLOGICAL DATA

## KENTUCKY

JUNE 1954

Volume XLIX No. 6

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O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

After an unusually warm April and an unusually cold May the month of June, 1954, was more nearly typical of past Junes. The average temperature for the state was 75.1°, or 1.1° above the normal. There was an unusually high frequency of days with maximum temperature of 90° or above with such readings occurring in the western division of the state on 17 to 24 days, 12 to 21 days in the central division, and 6 to 21 days in the eastern division. The highest temperature in the state was 105° at Hopkinsville on the 27th, with the lowest minimum reading being 37° on the 6th at Hindman Settlement School.

The average precipitation for the state was 3.00 inches or 1.17 inches below the June normal. Rainfall was unevenly distributed in the state with heaviest falls generally near the southern border and least amounts in counties near the Ohio River. The greatest precipitation was 7.92 inches at Benham with the least amount 0.42 inch at Freeburn. The greatest 24-hour precipitation reported was 3.55 inches at Cynthiana on the 14th.

The above-normal temperatures at the end of May continued during the first three days in June with a sharp turn to colder temperatures on the 4th. Temperatures began moderating by the afternoon of the 6th with readings consistently at or above seasonal normals for the remainder of the month. Readings were more typical of July than June during the last three weeks of the month with all stations in the western division of the state recording maximum readings of 100° or above during this period. Maximum temperatures in all sections of the state occurred on either the 26th or 27th, with minimum readings on the 5th in the western and central sections and on the 5th or 6th in the eastern section. Showers, while frequent, were very widely scattered during the first three weeks of the month with heaviest rainfall on the 2nd, 3rd, 8th, and again on the 16th. No precipitation of any sort was recorded during the final week of the month.

Soil moisture was considerably improved during the first few days of the month with farm activities near or ahead of seasonal levels. The advent of warmer weather at the close of the first week plus additional soil moisture rapidly advanced the planting of late corn and tobacco. The above-normal temperatures during the last three weeks of the month hastened the growth and maturity of all crops with the majority of an excellent crop of wheat combined by the close of the month. Yields were reported as above average. Tobacco was in good shape at the close of the month with harvest under way of second crop alfalfa, clover, and timothy. Very little oats for use as grain had been combined; however oats to be used for hay were being cut. Much early planted corn had been laid by with some near the tasselling stage. Late planted corn was reported as knee high or less. The three weeks of above normal temperatures and drying winds seriously depleted soil moisture with about one out of ten farms securing stock water from other than normal sources by the close of the month. Condition of pasture was similar to that prevailing at the same time last year.

**SEVERE STORMS.** Fairly frequent thunderstorms accompanied by wind, hail, and locally heavy rain produced property and crop damage of approximately a quarter of a million dollars. The southeastern movement of a squall line across Kentucky on the 1st caused several locally severe storms in the central and eastern counties with a tornado producing intermittent damage totalling \$100,000 in Laurel, Jackson, Clay, and Knox Counties between 9:00 and 10:00 a.m. on that date. Other severe electrical storms were recorded in central and southern counties on the 2nd and 8th with daily thunderstorms producing scattered damage from wind, hail, and lightning from the 13th through the 17th. Considerable hail damage was reported to corn and tobacco with chief damage being to farm buildings, either by wind or by burning after lightning strikes.

O.K.A.

# SUPPLEMENTAL DATA

KENTUCKY  
JUNE 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSW	16	9.1	-	-	-	78	77	44	56	2	4	7	1	0	0	14	-	5.1
LOUISVILLE WB AP	SW	16	7.0	38	W	16	75	78	44	52	3	2	1	1	0	0	7	80	4.5

# COMPARATIVE DATA

JUNE

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1889	70.6	99	38	5.27	-		1914	78.3	108	45	2.30	0		1939	75.1	97	47	6.00	0	
1890	78.4	101	51	4.96	-		1915	71.7	95	42	4.79	0		1940	73.1	100	44	3.39	0	
1891	77.1	97	51	4.48	-		1916	70.1	99	45	4.94	0		1941	74.7	103	41	4.67	0	
1892	75.8	101	48	4.23	-		1917	70.9	100	39	4.30	0		1942	74.7	98	41	5.54	0	
1893	73.3	97	48	4.64	-		1918	73.6	104	37	3.63	0		1943	77.5	100	48	4.04	0	
1894	75.6	102	35	2.69	-		1919	76.7	103	51	4.00	0		1944	77.6	107	40	1.70	0	
1895	75.9	104	47	3.63	0		1920	71.9	100	44	3.12	0		1945	71.8	98	37	5.32	0	
1896	73.5	98	46	4.64	0		1921	77.8	100	46	2.90	0		1946	73.1	98	38	4.16	0	
1897	73.4	101	41	3.61	0		1922	75.4	100	44	3.10	0		1947	72.1	98	40	4.73	0	
1898	78.2	101	45	3.90	0		1923	73.8	99	42	4.59	0		1948	73.8	99	37	3.35	0	
1899	76.1	100	44	2.80	0		1924	74.2	99	42	4.39	0		1949	74.8	97	40	5.52	0	
1900	73.9	100	40	6.14	0		1925	77.0	105	48	3.90	0		1950	72.1	96	32	6.60	0	
1901	75.6	104	42	3.97	0		1926	70.9	98	42	3.45	0		1951	73.4	101	44	5.03	T	
1902	73.4	101	39	4.75	0		1927	70.4	98	42	4.13	0		1952	79.1	109	45	2.63	T	
1903	68.6	96	37	3.61	0		1928	69.5	93	45	10.88	0		1953	77.1	102	41	3.42	T	
1904	73.2	99	48	3.14	0		1929	71.7	97	37	4.11	0		1954	75.1	105	37	3.00	T	
1905	74.8	106	45	4.49	0		1930	73.1	104	38	1.76	0								
1906	73.9	99	42	4.53	0		1931	75.3	106	39	2.80	0								
1907	70.2	95	41	4.87	0		1932	74.8	103	40	4.88	0								
1908	73.4	102	43	4.36	0		1933	76.5	105	39	1.57	0								
1909	74.5	99	43	5.03	0		1934	77.4	105	50	4.58	0								
1910	70.0	99	38	5.20	0		1935	70.5	98	44	7.50	0								
1911	75.2	106	45	4.06	0		1936	76.1	110	40	0.81	0								
1912	70.2	95	38	3.48	0		1937	74.3	89	46	4.52	0								
1913	75.0	107	38	2.87	0		1938	71.8	95	45	3.93	0								

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
JUNE 1954

TABLE 2

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.48 or More <sup>1</sup>	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
WESTERN DIVISION																							
BEAVER OAM	90.0	62.0	76.0	1.5	102	26	42	5	11	21	0	0	0	1.26	- 2.45	.87	3	.0	0		2	1	0
FOROS FERRY OAM 50	90.7	66.0	78.4		102	26	48	5	6	21	0	0	0	2.32	- 1.17	1.41	3	.0	0		3	2	1
GOLDEN POND 8 N	90.8	62.1	76.5		102	27	42	5	8	23	0	0	0	3.20		1.72	3	.0	0		5	2	1
GREENVILLE 2 W	88.8	62.4	75.6	1.3	100	26	43	5	9	17	0	0	0	4.24	- .27	1.38	14	.0	0		5	4	2
HENOERSON 4 SW	89.9	64.3	77.1	.4	103	26	45	5	10	21	0	0	0	1.43	- 2.29	.89	3	.0	0		4	1	0
HICKMAN 1 E																							
HOPKINSVILLE	90.2	65.7	78.0		103	28	48	5	23	0	0	0	0	2.92		.90	3	.0	0		4	4	0
LOVELACEVILLE	90.7	63.3	77.0	1.6	105	27	45	5	24	0	0	0	0	2.44	- 1.85	1.12	3	.0	0		6	1	1
MAOISONVILLE 1 SE	89.8	64.3	77.1	1.3	103	27	44	5	10	21	0	0	0	2.48	- 1.98	1.38	3	.0	0		6	1	1
MAYFIELD 2 S	90.4	64.2	77.3		101	26+	44	5	8	22	0	0	0	2.18		1.49	3	.0	0		4	1	1
MURRAY	90.0	64.9	77.5	2.0	102	26+	46	5	10	22	0	0	0	3.12	- .61	1.12	3	.0	0		6	3	1
OWENSBORO 2 W	90.4	64.3	77.4	2.1	102	26+	45	5	6	23	0	0	0	3.27	- .76	1.34	3	.0	0		6	2	1
PAOUCAH CAA AIRPORT	90.5	65.4	78.0	3.8	103	26	46	5	10	21	0	0	0	1.31	- 2.63	.72	3	.0	0		4	1	0
PAOUCAH	89.7	66.7	78.2		104	27	47	5	7	21	0	0	0	3.11		1.93	2	.0	0		4	2	1
PRINCETON	90.7	65.7	78.2	1.1	103	28	47	5	23	0	0	0	0	2.45	- 1.61	1.77	3	.0	0		3	2	1
RUSSELLVILLE	91.1	61.3	76.2	.6	104	27	43	5	9	23	0	0	0	1.79	- 2.23	1.15	3	.0	0		4	1	1
OIVISION																							
CENTRAL DIVISION																							
ANCHORAGE	87.5	61.7	74.6	2.4	99	26	43	5	17	17	0	0	0	1.99	- 1.85	.72	13	T	0		5	1	0
BAROSTOWN S J PREP SCH	89.4	61.2	75.3		100	26	44	5	9	18	0	0	0	3.55		1.24	17	.0	0		4	3	2
BOWLING GREEN CAA AP	88.6	63.3	76.0	2.2	101	26+	52	6	13	16	0	0	0	4.77	.74	2.31	3	.0	0		6	3	1
CAMPBELLSVILLE	88.0	61.5	74.8		97	26	48	5	10	15	0	0	0	4.36		1.96	17	.0	0		5	3	2
CARROLLTON LOCK 1	87.4	62.2	74.8		100	26	45	5	15	16	0	0	0	2.96	- .97	1.02	16	.0	0		5	2	1
CLERMONT 1 SSE	90.5	58.8	74.7		101	26	40	5	11	22	0	0	0	2.75		.96	3	.0	0		7	1	0
COVINGTON W 8 AIRPORT	86.0	62.6	74.3	2.5	98	26	44	5	23	13	0	0	0	3.39	- .65	.71	8	.0	0		7	4	0
OANVILLE	87.5	62.2	74.9	2.4	100	27	47	5	16	0	0	0	0	2.40	- 1.78	.85	2	.0	0		5	2	0
OIX OAM	90.2	63.1	76.7		101	26	48	5	7	20	0	0	0	2.35		.86	2	.0	0		5	2	0
FRANKFORT LOCK 4	88.1	59.7	73.9	.1	103	27	45	5	19	0	0	0	0	1.54	- 2.43	.56	3	.0	0		6	1	0
GLASGOW WKAY	87.6	62.5	75.1		98	26	44	5	13	12	0	0	0	3.50		1.89	3	.0	0		5	2	1
GREENSBURG	88.6	61.4	75.0	1.6	101	27	48	5	20	0	0	0	0	3.93	- .54	1.75	3	.0	0		4	3	2
IRVINGTON	87.9	63.6	75.8	1.7	101	26	44	5	13	18	0	0	0	4.17	.08	1.27	16	.0	0		6	4	1
LEITCHFIELD	87.7	63.6	75.7	2.2	99	26	47	5	12	14	0	0	0	2.98	- 1.19	1.47	3	.0	0		7	1	1
LEXINGTON W8 AIRPORT	87.2	63.2	75.2	3.0	101	26	47	5	17	14	0	0	0	2.14	- 2.07	.62	3	.0	0		8	1	0
LOUISVILLE W8 AP	89.6	64.9	77.3	3.1	101	26	47	5	12	20	0	0	0	.81	- 3.25	.57	3	.0	0		2	1	0
LOUISVILLE W8 CITY	87.4	68.1	77.8	2.9	100	26	50	5	11	18	0	0	0	1.51	- 2.54	.64	3	.0	0		3	2	0
MAMMOTH CAVE PARK	88.0	60.7	74.4	1.4	98	26	50	6+	5	16	0	0	0	3.92	- .48	1.82	3	.0	0		6	2	2
ST JOHN BETHLEHEM ACAA	87.5	60.5	74.0	1.2	101	27	44	5	15	0	0	0	0	1.69	- 2.51	.78	3	.0	0		3	2	0
SCOTTSVILLE	88.5	63.6	76.1		99	26	45	5	10	16	0	0	0	4.68		1.23	15	.0	0		5	4	3
SHELBYVILLE 2 W	88.7	62.7	75.7	2.5	101	27	45	5	16	18	0	0	0	2.72	- 1.56	.72	3+	.0	0		5	3	0
SOMERSET 1 N	86.6	60.3	73.5		96	26+	45	5+	15	10	0	0	0	3.04		1.25	1	T	0		3	2	0
SUMMER SHAOE	89.9	62.3	76.1		100	26	45	5	12	21	0	0	0	3.46		1.50	1	.0	0		5	2	0
WILLIAMSTOWN	85.7	62.6	74.2	1.6	97	27	44	5	12	0	0	0	0	2.65	- 1.26	.62	9	.0	0		7	2	0
WOLF CREEK OAM	88.8	59.8	74.3		100	27	49	5+	19	0	0	0	0	1.82		1.17	3	.0	0		2	1	1
OIVISION																							
EASTERN DIVISION																							
ASHLAND OAM 29	87.4	61.7	74.6	1.3	97	26	46	5	8	12	0	0	0	2.78	- 1.43	.63	18	.0	0		7	3	0
BARBOURVILLE																							
BAXTER	85.3	58.4	71.9		95	28	43	6	6	0	0	0	0	2.48		.87	14	.0	0		6	2	0
BENHAM	85.6	57.0	71.3		96	27	40	6	10	0	0	0	0	7.92		3.41	14	T	0		10	5	2
BEREA COLLEGE	87.6	62.5	75.1	2.0	98	26	48	5	12	16	0	0	0	3.09	- 1.54	.98	18	T	0		5	3	0
CORBIN CAA AIRPORT	85.4	58.7	72.1		95	26+	44	6	20	7	0	0	0	6.51		2.37	16	.0	0		5	4	3
CYNTHIANA 2	87.7M	59.2M	73.5M		100	27	38	5	18	0	0	0	0	4.93		2.81	13	T	0		4	2	2
OEWEY OAM	87.6	58.6	73.1		99	27	43	6	14	0	0	0	0	1.67		.38	14	.0	0		5	0	0
FARMERS	89.2	57.5	73.4	1.6	99	26	40	5	11	16	0	0	0	2.40	- 1.99	.68	16	.0	0		5	1	0
GRAYSON	88.3	58.7	73.5		99	26+	42	5	13	12	0	0	0	4.46		1.55	16	.0	0		9	4	1
HEIDELBERG LOCK 14	89.2	59.0	74.1	1.4	99	26	44	6	8	16	0	0	0	3.39	- 1.13	1.50	17	.0	0		9	2	1
HINOMAN SETTLEMENT SCH	87.3			M	95	27+	37	6	13	0	0	0	0	2.60		.80	2	.0	0		6	2	0
INEZ																							
MANCHESTER 4 SE	88.3	58.4	73.4		98	26	42	6	9	15	0	0	0	4.08		1.76	15	.0	0		5	3	1
MAYSVILLE OAM 33	84.5	59.2	71.9	- 1.0	98	27	42	5	7	0	0	0	0	3.35	- .64	.96	9	.0	0		8	1	0
MIOOLESBORO	89.8	57.8	73.8	1.3	98	26+	42	6	10	21	0	0	0	2.64	- 1.92	.92	17	.0	0		6	1	0
MOUNT STERLING	88.9	61.1	75.0	2.1	101	26	44	5	11	17	0	0	0	2.49	- 2.14	.62	1	.0	0		8	1	0
PIKEVILLE	88.8	62.9	75.9	.9	98	26	47	6	8	17	0	0	0	2.45	- 1.89	.93	17	.0	0		5	2	0
RICHMONO	87.2	61.5	74.4	.9	100	27	46	5	16	0	0	0	0	2.14	- 2.10	.57	17	.0	0		4	1	0
VANCEBURG OAM 32	88.1	60.0	74.1		98	26	42	5	15	16	0	0	0	2.46	- 1.43	.92	15	.0	0		5	2	0
WEST LIBERTY WATER WKS	89.4M	55.6M	72.5M		97	27			13	0	0	0	0	2.93		.98	16	.0	0		7	2	0
WILLIAMSBURG	90.4	59.0	74																				



KENTUCKY  
JUNE 1954

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADDISON OAM 45	2.58	.60	T	.65	T	T				.35						T		.98						T								
ADOLPHUS 1 M	1.60	.60		.57				T		.05	.06						.10	.22	T													
ALBANY	1.86	.86	.57	.02						.20								.14	.07													
ALLEN	1.57	.20		.38							.10							.08														
ANCHORAGE	1.99	.22	.40	.01					.17					.72	T			.38	T				T									
ASHCAMP	3.40	.46	.24	.12							.17	.34				.43	.12	.10			.20				.31							
ASHLAND DAM 29	2.78	.09		.10	.02					.19	.04	.50	.59			.36	.02	T	T	.63				.24								
BARBOURVILLE	3.55	.73	RECORD MISSING	.04													.06		1.24													
BARDS TOWN 5 J PREP 5CH	2.48	T	.55	T	.40	.02			.29	.02	.07					.87	.10	.07	.25	.10				.05								
BAKTER	1.26	.33		.87							.06																					
BEAVER DAM	7.92	T	.39	.22	.09	.06					.31	.10	.02			3.41	.53	.20	.94	.04	.51			1.10								
BEREA COLLEGE	3.09	.34		.59	.05					.03	.01			T		.14		.87	.07	.98			.01									
BEREA WATER WORKS	2.36		.25	.71	.09					T			.11			.20	.01	.59	.06	.32				.02	.02							
BOWLING GREEN	4.47	.05	.91	2.10	T					.26	.05					.10		.21	.77		.02											
BOWLING GREEN SUBSTA	4.70	T	1.17	1.88	T					.18	.02					.10		.20	1.15													
BOWLING GREEN CAA AP	4.77	.69		2.31	T				.29	.33	T					T	.66	.49														
BRENT OAM 36	3.81	.14	.73	.33	.12					.17		1.03	.09			.01	.80	.12	.04						.23							
BROWNVILLE LOCK 6	6.83	.65		2.13	.04					.11						.08	.55	.08	.30	.08					.10							
BURDINE 2 NE	2.25			.30							.72																					
BURKESVILLE	1.53		.39	1.00	T					.14	T	T				T		T														
CAGIG LOCK E	4.10	1.81		1.77						.25						.20		.03						.03								
CAMPBELLVILLE	4.36			1.18	.08				.35	.63						T		.01	1.06	T				.15								
CARROLLTON LOCK 1	2.96	.62		.45	.05																											

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
JUNE 1954

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RUSSELLVILLE	5.06	.44		3.21						.79	.04				.08			.32														
RUSSELLVILLE SUBSTA	4.93	.47		3.20						.80	.10							.36														
ST JOHN BETHLEHEM ACAD	1.69	.32		.76	T	T				.30								.09														
SALVISA LOCK 6	2.89		.24	.71	.09	T				.05					.83		.03	.76	.03	.03												
SALYERSVILLE 2	3.40	.30		.31						.76		.41					1.34	.04					.04									
SCOTTSVILLE	4.68	1.04		1.17						.38	.03					1.23	.08	.75														
SEBREE	1.07	.03		.90						.04							T		T							T						.08
SHAWNEE STEAM PLANT	2.47	.04		1.08						.10												.17										
SHELBYVILLE 2 W	2.72	.02	.30	.72	.04					.23					.72		.03	.35		.07												
SHEPHERDSVILLE	1.67		.09	.29	.63	.10				.43					.03			.10														
SOMERSET 1 N	3.04	1.23		1.12						.02								.06	.36	.03												
SPRINGFIELD	1.39	.23		.91						.07								.09			.09											
STEARNS	1.63		.79	.49	.07					.09	.09				.03			.01	.06													
SUMMER SHADE	3.46	1.30		1.17						.17				.30		T		.32														
SUMMER SHADE SUBSTA	3.62	1.42		.98	.01					.10					.67			.44														
TAYLORSVILLE	2.76	.39	.11	.79	.11					.68								.48														
TOMPKINSVILLE 2	1.72	.36	.92							.23								.21														
TURKEY CREEK SCHOOL	3.66	1.17		2.02	.02					.17	.26							.19						.03								
TYRONE LOCK 3	2.23		.26	.72	.09	T				.20	.23						.06	.22	.09													
UNIONTOWN DAM 49	1.47	.16		.64						.11								.01			.33											
VALLEY VIEW LOCK 9	1.96		.60	.46	.06					T						.35	.21	.08	.06	.16												
VANBUREN	3.73	.04	.30	.81	.17					.97						.13		.79	.30													
VANCEBURG DAM 32	2.46		.07		.16					.09	.02	.09	.18				.92		.04	.32												
WAYNESBURG 6 E	2.62		.40	.88	.04						.17		.60					.03	.19	.36				.57								
WEST LIBERTY WATER WKS	2.93			.38	.13													.98	.45	.23				.12								
WESTPORT	4.37	1.13	.83	.10						.66							.30	.69					.24									.38
WILLIAMSBURG	1.33	.64		.48	.04					.09									.10													
WILLIAMSTOWN	2.63	.30		.59						.62	.47							.15	.25					.27								
WILLOW LOCK 13	2.31	.13	.08	.46	.07					.01		.16				.63	.24	.13	.14	.02				.02								
WOLF CREEK DAM	1.62	.09	.44	1.17	.01					.04						.04			.03													
WOODBURY LOCK 4	4.31	1.02		1.30						.10								.82	.87													

# DAILY PRECIPITATION

Table 3

KENTUCKY  
OBLATED DATA

Station	Day of Month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FEBRUARY 1854																																
FREEBURN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY 1954																																
FREEBURN	.24		.16	.12	.20			.18	.10							.12																1.12

## CORRECTIONS

MONTH: AUGUST 1950

Annual Summary:

Somerset 1 N

Average temperature should have been 71.3.

Table 2:

Somerset 1 N

Average temperature should have been 71.3.

MONTH: ANNUAL 1952

Table 2:

Woodbury Lock 4

Annual departure from normal should be -13.45.

MONTH: JANUARY 1954

Table 2:

Clermont 1 SSE

Date of the greatest snow depth should be the 10th. Number of days with precipitation .10 or more should be 8.

Table 2:

West Liberty Water Works

No of days with .10 or more should be 7, .50 or more, 5.

Table 3:

West Liberty Water Works

Daily amounts should be as follows: 14th, 0; 15th, .72; 16th, .73; 17th, T.

# MONTHLY AND SEASONAL SNOWFALL

Season of 1953 - 1954

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total
ADDISON DAM 45						6.0	4.9	.3	T				11.2
ADDLPHUS 1 N						3.0	1.5		T				4.5
ALBANY						3.6	-						-
ALLEN					T	-	-	2.0	8.5			T	8.3
ANCHDRAGE					.2	3.1	5.0	T	T			T	8.3
ASHCAMP					.6	.7	3.2	.3	11.0				15.8
ASHLAND OAM 29					1.4	2.5	6.9	1.0	6.5	T			18.3
BARBODURVILLE						1.0	-		5.3			-	9.5
BARSTOWN S J PREP SCH					T	6.4	3.1		T				18.6
BAXTER					.4	5.0	1.0	T	12.2				6.0
BEAVER DAM						3.5	2.5						40.0
BENHAM	T				3.0	6.5	10.5	1.5	18.5	T	T	T	18.3
BEREA COLLEGE					T	4.6	10.2	.3	3.2				15.7
BEREA WATER WORKS					.3	4.6	9.5		1.3				5.0
BOWLING GREEN						2.0	3.0		T				4.0
BOWLING GREEN CAA AP					T	1.0	3.0	T	T				3.8
BRENT OAM 36					.3	1.0	1.7	.8	T				4.0
BROWNSVILLE LOCK 6						1.0	3.0		T				19.0
BURDINE 2 NE					T	2.0	2.0	T	15.0				5.5
BURKESVILLE						2.5	2.0		1.0				3.7
CAOIZ LOCK E						.5	3.2						8.1
CAMPBELLSVILLE					T	4.0	4.0	.1	T				7.1
CARROLLTON LOCK 1					T	1.3	5.8		T				7.6
CLERMONT 1 SSE						2.0	5.6						8.5
COLLEGE MILL LOCK 11					.5	.5	6.0		1.5				11.2
COLUMBIA					T	4.1	3.5		3.6				24.0
CDRBN CAA AIRPORT					.1	4.0	2.3	13.0	4.6				11.1
COVINGTON W B AIRPORT	T				1.9	3.6	3.0	2.0	.6	T			-
CUMBERLAND FALLS ST PK					T	2.0	-		T				8.7
CYNTHIANA					T	3.1	5.5	T	.1			T	-
CYNTHIANA 2	-	-				-	4.0		-	-		T	12.4
DANVILLE					.4	5.0	6.0		1.0				15.4
DELPHIA 1 E						.4	-		T				17.5
DEMA					T	1.0	6.4		8.0				-
DEWEY DAM	T				T	1.0	7.5	2.0	7.0				-
DIX OAM	-	-	-	-	.3	4.5	9.2						-
DUNDEE BARRETT'S FORD BR					T	4.0	3.3		-				-
DUNMOR						3.0	4.0		T				7.0
DUNNVILLE					T	.6	6.0		T				6.6
EDDYVILLE LOCK F						-	-						-
EDMONTON						4.0	4.0		1.0				9.0
ELKHORN CITY					-	1.0	-	2.0	7.0	-			-
FALMOUTH					T	1.0	3.0	T	T	T	T		4.0
FARMERS			T		T	3.0	9.2	.2	6.0				18.4
FLEMINGSBURG					.5		6.7	1.0	7.6				15.8
FORD LOCK 10					T	T	9.0	T	T			T	9.0
FORDS FERRY DAM 50					T	T	5.7	T	T				5.7
FRANKFORT LOCK 4						-	-						-
FRANKLIN WATER WORKS					-	2.0	2.0		-				4.0
FREEBURN					-	-	-		-				-
FRENCHBURG						.5	4.5	T	10.0				23.5
GEDORGETOWN WATER WORKS						3.0	4.0		T				7.0
GEST LOCK 3						.5	-						-
GLASGOW						5.5	6.0		T				11.5
GLASGOW WKAY					T	4.0	4.4	T					8.4
GLENDALE					T	5.0	2.5		T				7.5
GOLDEN PDND B N						2.5	3.8		.9				7.2
GRANT OAM 38					.5	T	2.0	.1					2.6
GRAYSON					-	2.5	10.0	1.0	6.0	T			-
GREENSBURG					T	3.0	6.5		T				9.5
GREENSBURG HWAY 61 BR						-	-						-
GREENUP OAM 30					1.4	2.0	5.5	1.2	3.2	T			13.3
GREENVILLE 2 W						2.0	3.5						5.5
HARTFORD 6 NW					T	3.0	4.0	T	T	T			7.0
HAZARD WATER WORKS						1.0	3.0	.6	5.0				9.6
HEIDELBERG LOCK 14					T	1.0	7.8	T	5.3				14.1
HENDERSON 4 SW					T	1.1	6.5	T	T	T			7.6
HICKMAN 1 E						T	3.0	T	T				3.0
HIGH BRIDGE LOCK 7					T	1.0	5.7		T				6.7
HINOMAN SETTLEMENT SCH					T	.5	4.3		11.5				16.3
HOPKINSVILLE						.6	2.1						2.7
HYDEN					T	1.4	3.5	6.5	-				-
INEZ					T	.4	7.5	1.5	8.0				17.4
IRVINGTON						3.9	4.5		T				8.4
JACKSON						-	-						-
JEREMIAH					T	3.0	4.0						7.0
KEENE 2 N						1.2	-					T	-
LANCASTER						5.5	6.0		1.0				12.5
LAURA				T	.5	.5	7.4	2.0	9.0				19.4
LEITCHFIELD					T	4.0	3.0		1.0				8.0
LEXINGTON WB AIRPORT	T	T			1.2	3.6	4.8	1.7	T				11.3
LIBERTY	T					-	6.0		T				-
LITTLE HICKMAN LOCK 8						1.8	6.0		T				7.8
LOCKPORT LOCK 2						T	4.0						4.0
LOUISA 2					T	1.0	8.4	.2	-				-
LOUISVILLE WB AP					T	2.2	5.3	T	T	T			7.5
LOUISVILLE UPPER GAGE					T	T							5.5
LOUISVILLE WB CITY					T	2.0	4.4	T	T				6.4
LOVELACEVILLE						.1	4.5	T		T			4.6
MAISONVILLE 1 SE					T	1.5	3.5	T	T				5.0
MAHMOOTH CAVE PARK					T	4.0	5.0	.3	T				9.3
MANCHESTER 4 SE					T	1.0	3.0	T	8.0				12.0
MAYFIELD 2 S						2.0	4.0		T				6.0
MAYSVILLE OAM 33					T	1.0	3.5	T	3.0				7.5
MCKEE	-				1.8	4.0	8.5	T	8.0				22.3

See Reference Notes Following Station Index



# MONTHLY AND SEASONAL SNOWFALL

Continued

Season of 1953 - 1954

KENTUCKY

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	
MIDDLESBORO					T	1.5	T							
MIDWAY					T	3.0	4.0	T	8.6				10.1	
MILLERSTOWN					T	2.0	5.6	T	T				7.0	
MONTICELLO						2.0	-		1.9				7.6	
MOUNT STERLING					T	4.0	8.7	T	T				12.7	
MUNFORDVILLE					T	2.0								
MURRAY					T	T	3.5	T	T				5.5	
OLNEY						T	2.0		T				2.0	
ONEONTA OAM 35					.5	.1	5.5	.2	1.5				7.8	
OWENSBORO 2 W					T	2.1	7.0	T	T				9.1	
OWENSBORO OAM 46					T	2.0	7.5	T	T				9.5	
PAOUCAH CAA AIRPORT					T	T	2.5	T	T				2.5	
PAOUCAH						T	2.5	T	T				2.5	
PAINTSVILLE					T	1.0			7.0	T			15.0	
PIKEVILLE						T	5.0	2.0	8.8				13.8	
PINEVILLE					T	3.0	1.0		7.0				11.0	
PRINCETON						2.0	2.0						4.0	
RAVENNA LOCK 12					T	T	9.0		8.0				17.0	
RICHMOND E STATE COL					1.0	4.5	9.0	T	2.0				16.5	
ROCHESTER LOCK 3	-	-	-	-	-	-	-		T				-	
RUMSEY LOCK 2						2.0	5.3						7.3	
RUSSELLVILLE						-	4.7						-	
ST JOHN BETHLEHEM ACADE					T	3.0	5.7		T	T			8.7	
SALVISA LOCK 6					T	1.5	5.5	T	T				7.0	
SALYERSVILLE 2					-	T	6.0	T	8.5				-	
SCOTTSVILLE						4.0								
SEBREE					T	2.0	2.0	T	T				6.0	
SHELBYVILLE 2 W					T	3.9	4.6	T	.3				8.8	
SHEPHERDSTOWN					T	.8	4.0						4.8	
SOMERSET 1 N						3.0	2.8	T	T		T	T	5.8	
SPRINGFIELD					T	4.0	4.5		T				8.5	
STEARNS						-	-						-	
SUMMER SHADE					T	4.5	5.4		1.0				10.9	
TAYLORSVILLE						.5	3.5		T				4.0	
TOMPKINSVILLE 2						2.0	-		T				-	
TYRONE LOCK 5						1.0	2.5						3.5	
UNIONTOWN OAM 49						-	5.0						-	
VALLEY VIEW LOCK 9					T	2.0	8.0		T				10.0	
VANBUREN						-	-		T				-	
VANCEBURG OAM 32	T				1.0		4.0		4.0				9.0	
WAYNESBURG 6 E					T	5.5	7.5		2.5				15.5	
WEST LIBERTY WATER WKS					T	5.0	8.0	.5	-				-	
WESTPORT					T	3.0	5.5		T				8.5	
WILLIAMSBURG	T					T	-	4.0	4.5				-	
WILLIAMSTOWN					T	3.7	4.6	T	.5				8.8	
WILLOW LOCK 13						.5	11.0						11.5	
WOLF CREEK OAM						-	3.1						-	
WOODBURY LOCK 4						2.0	4.0		1.0				6.0	

# DAILY TEMPERATURES

KENTUCKY  
JUNE 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	77 68	75 57	75 58	59 52	72 43	78 50	86 58	85 66	86 64	90 65	88 66	95 66	94 67	92 66	92 66	90 66	90 65	92 65	91 68	94 61	92 66	94 65	88 63	89 56	94 58	99 64	94 71	87 59	93 52	95 60	87.5 61.7	
ASHLAND DAM 29	MAX MIN	82 69	81 59	81 57	73 55	70 46	80 50	88 52	92 62	85 64	92 66	85 66	93 66	96 66	85 63	93 67	94 69	90 69	88 65	86 64	87 61	93 65	94 66	84 68	85 58	92 58	97 61	89 74	86 53	89 55	92 57	87.4 61.7	
BARBOURVILLE	MAX MIN																																
BARDSTOWN S J PREP SCH	MAX MIN	92 66	80 56	79 61	72 52	73 44	81 50	88 56	88 61	86 65	88 66	89 65	95 66	95 66	89 66	92 66	91 65	91 65	91 65	90 62	94 66	94 64	93 64	88 67	92 55	94 56	100 62	98 72	94 60	91 51	95 58	89.4 61.2	
BAXTER	MAX MIN	88 55	80 62	81 58	76 53	58 50	78 43	80 45	86 58	89 60	84 61	85 63	89 61	93 63	90 62	88 64	90 64	84 64	84 63	87 61	87 62	89 61	88 62	88 64	86 57	92 60	94 61	95 57	84 50	88 50	85.3 58.4		
BEAVER DAM	MAX MIN	82 67	81 54	76 61	68 52	75 42	81 52	89 59	88 64	90 63	92 63	94 64	95 67	94 67	89 68	93 67	91 66	92 65	93 65	92 66	93 66	92 64	96 66	90 67	90 65	102 55	99 62	95 72	96 66	94 55	97 60	90.0 62.0	
BENHAM	MAX MIN	92 70	80 60	83 59	78 52	58 43	70 40	81 45	87 55	89 59	81 61	90 61	84 60	93 62	90 60	85 62	90 63	81 63	86 60	86 62	85 60	89 56	91 56	91 64	85 54	87 55	93 62	96 54	93 49	84 48	89 50	85.6 57.0	
BEREA COLLEGE	MAX MIN	81 69	80 60	77 61	67 51	70 48	80 50	87 59	87 65	86 66	90 64	92 67	93 64	92 69	91 68	82 68	87 63	91 66	89 64	88 63	90 68	92 68	87 68	88 59	93 58	98 55	94 76	92 57	98 60	96 50	87.6 62.5		
BOWLING GREEN CAA AP	MAX MIN	80 64	83 57	75 63	62 50	75 46	82 52	89 61	88 62	88 66	88 65	93 66	96 96	95 68	86 68	90 68	91 66	90 68	90 68	87 68	93 69	88 67	93 68	89 60	88 59	97 60	101 64	101 75	90 64	93 56	96 59	88.6 63.3	
CAMPBELLSVILLE	MAX MIN	90 66	81 58	78 61	67 51	73 48	80 49	86 59	86 61	87 63	89 65	92 64	94 66	92 68	89 64	90 65	90 66	92 63	89 64	90 65	89 64	89 68	92 64	87 68	89 56	92 59	97 62	96 72	89 61	92 52	93 58	88.0 61.5	
CARROLLTON LOCK 1	MAX MIN	78 65	75 59	78 56	59 54	72 45	77 50	88 55	86 65	86 66	90 66	88 67	91 67	96 67	92 67	95 67	90 67	90 65	90 66	88 67	92 63	93 68	94 68	85 64	88 57	94 58	100 64	92 74	88 53	92 54	96 60	87.4 62.2	
CLERMONT 1 SSE	MAX MIN	91 66	82 52	80 61	72 51	75 40	82 46	89 54	86 60	89 61	93 63	96 64	95 64	91 62	93 64	93 64	92 63	92 63	92 64	91 60	92 62	94 60	90 62	94 61	90 55	96 60	101 61	100 69	94 57	93 49	97 56	90.5 58.8	
CORBIN CAA AIRPORT	MAX MIN	80 63	80 56	76 59	60 52	68 48	78 44	85 53	88 58	86 64	89 61	86 59	92 61	91 62	88 62	88 62	87 65	87 64	87 61	86 62	88 60	88 61	90 61	85 61	86 55	92 57	95 60	95 71	83 56	87 48	91 53	85.4 58.7	
COVINGTON W 8 AIRPORT	MAX MIN	76 61	73 58	72 56	70 47	78 44	80 49	86 59	85 65	86 65	89 68	88 64	91 70	92 70	92 68	92 68	88 67	88 66	93 66	89 67	94 67	91 68	84 69	87 62	92 57	98 64	90 70	90 69	85 53	91 55	94 66	86.0 62.6	
CYNTHIANA 2	MAX MIN	91 63	81 57	80 57	76 52	62 38	72 46	79 50	82 62	86 64	89 63	96 65	90 64	96 63	93 65	90 65	92 65	90 65	91 65	89 65	90 59	92 64	93 64	92 53	92 53	87 55	94 60	100 73	92 49	86 48	91 57	59.2	
DANVILLE	MAX MIN	91 65	80 59	80 61	75 52	58 47	70 48	79 56	86 63	85 65	86 66	90 67	91 67	94 70	93 68	91 67	93 67	89 66	90 65	90 65	92 67	92 68	91 68	93 69	89 57	89 60	94 60	100 69	97 59	88 53	93 56	87.5 62.2	
DEWEY DAM	MAX MIN	92 57	83 60	83 50	79 48	63 46	73 43	81 50	87 54	91 60	86 64	90 66	90 64	92 63	93 64	90 64	92 66	89 66	89 64	89 60	89 68	93 62	95 61	87 64	95 56	87 57	99 59	93 49	83 53	86 51	90 58	87.6 58.6	
DIX DAM	MAX MIN	94 58	85 58	78 61	76 51	70 48	80 50	86 58	86 64	86 68	89 66	91 69	96 67	95 69	92 67	94 67	91 67	91 65	90 65	94 67	94 68	95 66	88 66	90 66	95 59	88 66	98 59	101 65	100 76	95 61	93 55	98 62	90.2 63.1
FARMERS	MAX MIN	84 64	81 55	81 55	75 52	73 40	83 43	89 49	90 59	89 63	92 61	93 64	93 64	95 63	85 60	94 62	94 65	89 64	88 61	87 62	92 59	93 61	95 61	94 65	85 52	92 52	99 67	98 68	90 47	89 47	93 52	89.2 57.5	
FORDS FERRY DAM 50	MAX MIN	82 68	83 55	76 55	66 55	77 48	83 58	89 67	89 65	91 62	92 65	94 68	95 68	96 70	93 71	90 71	93 67	94 69	94 70	95 71	95 72	94 70	94 71	88 69	93 62	96 64	102 68	99 76	93 73	96 65	97 70	90.7 66.0	
FRANKFORT LOCK 4	MAX MIN	90 62	80 59	79 58	75 54	59 45	73 46	79 52	82 55	85 63	88 65	92 65	92 65	95 66	94 66	92 66	94 66	90 65	95 66	91 66	92 66	92 64	94 64	88 56	90 56	95 58	103 56	96 62	86 52	92 52	88.1 59.7		
GLASGOW WKAY	MAX MIN	87 67	81 55	78 58	66 53	71 44	78 50	87 60	88 61	86 64	91 67	91 64	93 66	91 68	88 68	90 70	89 67	89 65	89 66	89 65	90 66	90 65	92 66	88 66	87 65	93 66	98 66	97 61	88 59	90 61	94 58	87.6 62.5	
GOLDEN POND 8 N	MAX MIN	85 64	84 55	79 59	71 55	76 42	83 52	87 59	91 64	91 60	93 65	94 65	96 65	92 66	91 64	90 64	92 66	93 65	92 67	93 66	93 66	90 66	90 66	92 66	96 69	92 55	96 61	101 71	102 72	98 57	95 62	98 62	90.8 62.1
GRAYSON	MAX MIN	87 62	83 56	81 55	66 54	73 42	83 45	89 50	93 59	87 62	96 65	86 66	93 64	96 65	83 62	98 68	89 66	89 65	87 64	86 61	95 60	93 61	94 62	85 54	85 54	92 58	99 68	93 49	88 49	88 53	91 58	88.3 58.7	
GREENSBURG	MAX MIN	92 67	82 57	82 63	76 53	61 45	74 50	81 55	88 60	87 65	87 66	89 64	91 63	94 67	92 65	90 65	92 65	90 64	91 63	92 66	90 63	90 63	92 68	95 55	90 57	97 60	101 71	99 65	90 50	93 57	88.6 61.4		
GREENVILLE 2 W	MAX MIN	85 66	82 54	76 61	69 54	75 43	81 51	87 61	89 64	88 65	92 62	94 66	93 66	93 67	89 65	90 65	88 66	92 66	90 66	93 67	91 65	90 66	92 66	87 66	89 56	92 57	100 63	99 72	91 68	95 60	88.6 62.2		
HEIDELBERG LOCK 14	MAX MIN	81 62	84 58	81 57	75 53	72 48	82 50	89 58	89 60	88 65	93 61	93 63	94 62	94 63	88 62	92 64	89 65	89 66	88 65	92 60	93 61	93 61	91 68	88 54	95 56	99 68	95 68	93 49	95 58	91 52	94 59	89.2 59.6	
HENDERSON 4 SW	MAX MIN	80 64	80 53	75 58	66 53	74 45	80 55	86 53	87 69	89 62	93 60	93 62	94 69	96 66	93 69	92 67	91 68	94 69	93 68	90 69	92 69	90 69	94 66	95 66	92 58	90 66	92 67	103 58	91 71	94 68	89.9 64.3		
HICKMAN 1 E	MAX MIN	90 68	78 58	76 60	70 54	77 48	80 54	84 62	90 68	88 60	90 64	85 65	92 72	93 71	93 70	93 72	88 69	92 70	92 70	95 70	94 70	92 68	95 68	93 68	92 74	96 56	102 62	103 74	98 65	96 68	90.2 		

# DAILY TEMPERATURES

KENTUCKY  
JUNE 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAMMOTH CAVE PARK	MAX	80	80	80	68	73	79	87	88	87	88	91	94	92	87	90	89	91	90	90	90	90	92	88	88	94	98	97	94	91	94	88.0	
	MIN	65	53	62	53	55	50	60	62	65	64	62	64	65	64	65	64	63	63	63	62	64	64	68	53	55	60	73	60	50	51	60.7	
MANCHESTER 4 SE	MAX	81	84	78	73	71	81	89	92	88	91	86	95	95	93	92	90	89	88	88	90	90	92	88	87	95	98	96	85	90	95	88.3	
	MIN	60	59	57	53	50	42	51	51	64	61	62	60	63	63	63	65	64	63	64	61	60	60	68	53	56	59	67	53	48	51	58.4	
MAYFIELD 2 S	MAX	85	83	71	70	74	81	86	90	91	91	91	93	95	92	91	91	93	91	94	93	93	96	89	91	96	102	102	97	92	97	90.0	
	MIN	65	56	56	52	46	56	62	67	61	61	68	70	68	70	68	70	68	69	68	70	69	68	69	60	61	70	73	74	64	67	64.9	
MAYSVILLE OAM 33	MAX	90	80	77	76	57	69	77	85	87	82	89	86	91	90	85	91	88	88	86	84	88	90	92	81	83	89	98	86	83	86	84.5	
	MIN	56	60	58	54	42	43	52	54	65	65	65	67	67	63	63	65	65	63	63	62	62	65	66	57	57	58	65	50	51	53	59.2	
MIDDELSBORO	MAX	88	86	85	78	71	79	87	92	92	92	91	93	93	92	92	92	85	91	90	88	90	93	91	91	92	98	98	96	92	95	89.8	
	MIN	62	58	63	54	46	42	51	57	60	60	61	57	63	60	62	64	65	61	63	59	60	58	67	53	56	58	65	55	46	48	57.8	
MOUNT STERLING	MAX	83	80	77	67	73	81	87	89	87	92	88	93	94	90	93	90	91	89	97	92	94	96	87	88	95	101	94	90	91	97	88.9	
	MIN	68	56	59	52	44	50	56	63	64	64	64	64	68	62	64	66	65	62	64	62	66	66	67	56	58	65	73	54	53	59	61.1	
MURRAY	MAX	82	83	72	70	76	83	89	91	91	93	94	96	95	94	93	91	92	90	92	92	93	97	90	90	95	102	102	96	92	96	90.4	
	MIN	66	56	58	55	45	56	59	66	62	63	67	67	69	69	66	70	68	69	69	70	67	69	71	57	59	64	72	75	61	65	64.3	
OWENSBORO 2 W	MAX	86	81	75	63	75	82	89	89	90	95	95	96	97	91	93	88	92	93	96	91	93	95	91	93	95	103	101	93	96	98	90.5	
	MIN	71	55	61	54	46	56	66	67	65	64	67	68	68	71	69	69	68	70	71	69	69	68	67	58	60	69	78	69	61	67	85.4	
PAOUCAH CAA AIRPORT	MAX	80	85	71	68	75	82	87	88	90	90	90	94	94	92	88	90	93	93	96	93	91	95	91	92	95	101	104	95	94	95	89.7	
	MIN	60	58	58	55	47	57	65	65	63	65	72	70	71	72	71	71	71	72	71	72	71	67	62	62	74	79	72	66	70	66.7		
PAOUCAH	MAX	90	81	83	71	69	76	83	89	90	91	92	94	95	95	91	92	92	93	94	96	95	95	97	92	92	98	101	103	96	95	90.7	
	MIN	68	59	58	56	47	54	59	68	62	63	67	67	69	69	70	69	71	70	70	71	69	70	71	60	62	69	75	75	65	69	85.7	
PIKEVILLE	MAX	84	86	82	64	72	84	90	91	87	93	84	95	93	88	94	89	87	91	90	90	93	95	90	89	97	98	96	88	91	93	88.8	
	MIN	66	64	60	56	51	47	55	62	66	66	67	66	68	65	68	68	73	61	64	63	65	68	72	60	61	65	73	57	56	55	62.9	
PRINCETON	MAX	82	83	71	68	76	84	89	90	90	93	94	95	95	93	93	91	94	94	96	94	93	97	94	91	96	103	104	96	96	99	91.1	
	MIN	67	54	58	54	43	53	61	63	60	60	65	61	61	66	63	66	66	66	67	65	63	65	61	55	55	62	70	71	58	61	61.3	
RICHMONO	MAX	92	80	79	75	59	70	79	85	86	86	91	90	94	91	90	91	88	91	90	93	89	91	93	88	88	93	100	96	86	91	87.2	
	MIN	70	58	59	53	46	48	55	62	64	62	68	63	69	64	66	66	66	64	65	62	66	65	70	54	57	66	73	56	51	58	61.5	
RUSSELLVILLE	MAX	85	84	76	66	75	83	89	90	89	90	93	95	93	90	93	92	93	91	93	92	93	95	89	89	95	100	97	91	93	97	89.7	
	MIN	67	54	60	53	42	52	64	64	65	63	64	62	65	68	67	65	65	65	65	67	66	67	71	55	56	60	69	67	55	57	62.0	
ST JOHN BETHLEHEM ACAA	MAX	89	80	80	71	61	72	80	87	89	88	89	90	93	92	88	90	90	92	91	90	91	91	93	87	89	94	101	95	89	92	87.5	
	MIN	66	54	60	50	44	50	57	62	64	63	63	67	61	65	66	64	63	62	63	65	66	65	66	54	55	60	67	62	52	58	60.5	
SCOTTSVILLE	MAX	82	84	78	64	74	83	89	89	88	89	92	96	92	91	91	90	89	90	90	91	90	94	87	89	95	99	96	88	91	95	88.5	
	MIN	69	57	58	55	45	53	61	65	67	66	64	67	68	68	68	67	67	66	67	69	67	68	72	58	59	62	75	66	54	59	63.6	
SHELBYVILLE 2 W	MAX	87	79	77	59	72	79	87	85	87	90	97	94	94	91	92	89	90	89	91	92	91	92	85	93	95	100	101	90	96	98	88.7	
	MIN	67	56	61	51	45	51	57	65	64	66	67	67	67	66	67	67	66	66	67	68	66	65	66	58	60	65	75	56	57	62	62.7	
SOMERSET 1 N	MAX	78	81	77	68	70	79	84	88	83	88	87	92	91	91	92	88	90	88	87	88	89	92	88	86	92	96	96	88	89	92	86.6	
	MIN	66	57	59	51	45	45	58	59	65	62	62	61	68	67	64	66	64	64	63	61	61	60	70	56	56	59	73	61	48	55	60.3	
SUMMER SHAOE	MAX	94	84	74	62	74	82	89	90	87	90	93	96	94	91	93	92	92	92	91	93	93	95	89	89	97	100	99	90	93	98	89.9	
	MIN	68	60	61	54	45	51	59	61	66	66	63	65	63	68	68	66	64	64	64	65	65	65	72	62	60	62	71	61	51	59	62.3	
VANCEBURG OAM 32	MAX	87	76	86	66	70	80	88	92	91	92	87	95	94	87	96	93	90	86	90	92	94	95	85	87	92	98	91	85	89	90	88.1	
	MIN	58	60	58	52	42	49	52	61	61	64	65	61	66	62	65	64	65	64	64	62	64	64	67	57	58	61	70	52	53	58	60.0	
WEST LIBERTY WATER WKS	MAX							80	85	88	90	90	92	93	92	88	92	88	90	88	88	90	92	90	92	88	92	97	88	85	88	89.4	
	MIN					50	49	50	50	50	60	65	59	60	59	58	63	62	59	60	58	59	60	60	52	50	55	55	50	47	45	55.6	
WILLIAMSBURG	MAX	87	83	81	73	71	88	89	90	86	92	92	94	95	93	91	90	89	90	88	92	93	95	92	92	97	99	100	94	98	98	90.4	
	MIN	66	58	61	53	47	43	44	52	64	62	61	60	61	64	64	65	57	64	64	68	60	60	69	55	57	60	61	60	49	51	59.0	
WILLIAMSTOWN	MAX	89	78	75	73	54	70	79	85	84	85	89	89	90	94	90	85	88	88	92	90	95	91	91	86	85	92	97	92	85	90	85.7	
	MIN	66	61	60	49	44	49	57	64	64	66	63	66	69	65	68	68	64	65	64	66	68	69	63	62	64	69	69	55	58	63	62.6	
WOLF CREEK OAM	MAX	94	84	85	76	59	71	83	86	90	87	91	92	95	94	93	88	92	92	92	92	91	89	92	91	91	96	100	99	89	91	88.8	
	MIN	66	56	60	55	49	49	51	57	62	63	62	62	64	63	64	65	63	63	63	64												



## KENTUCKY

DEGREE DAY NORMALS IN THIS TABLE ARE DERIVED FROM THE PERIOD 1921-1950

The four digit identification numbers in the index number column of the statute index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried early in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 85° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 8.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

See ee ground in Table 7 is at observation time for all oxcort Woother Bureau and CAA stations. For these stations see ee ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. H.S.T. WTR EQUIV is Table 7 means the water equivalent of snow on the ground. It is measured at selected stations where the depth of snow on the ground is two inches or more. Water equivalent samples are seasonally taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 5, 7 and the Station Index. No record in Tables 2 and 5 is indicated by ee eetty.  
 + And also see a later date or date.  
 - Amount included in following assurance, also distribution unknown.  
 @ Data in the column formerly headed No. of Days .DI or were have been changed to No. of Days .ID or were effective January 1, 1954.  
 @ Data is supplied with a windshield.  
 S Adjusted to a full month.  
 C In the "Refer to Table" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.  
 P Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of snow snowfall.  
 R Amounts from recording gages (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).  
 T Trace, an amount too small to measure.  
 U Inclusion total for previous month.

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## STATION INDEX

KENTUCKY  
JUNE 1994

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables			
ADDISON DAM 45	0031	BRECKINRIDGE	7	37 53	86 34	380	6A	CORPS OF ENGINEERS	3	C	LIBERTY	4755	CASEY	3	37 21	84 53	772	7A	PALLIA F. MANILA	3	C	
ADDIPLUS 1 W	0032	ALLEN	3	36 36	85 28	400	7A	JOEL M. DEARING	3	C	LITTLE WICKMAN LOCK 8	4823	JESSAMINE	4	37 45	85 35	360	7A	CORPS OF ENGINEERS	3	C	
ALBANY	0063	CLINTON	2	36 42	85 07	930	7A	MRS. BARBARA M. COOL	3	C	LOCKPORT LOCK 2	4837	HENRY	4	36 26	84 58	483	6A	CORPS OF ENGINEERS	3	C	
ALLEN	0095	FLOYD	1	37 55	82 45	830	8A	MANHIE AUSTIN	3	C	LOGGICK 1 &	4882	CLARK	4	37 51	84 02	1217	10A	MRS. H. BURGER	3	C	
ANCHORAGE	0153	JEFFERSON	7	38 16	83 53	700	7P	C. E. BARRETT	2	3	LONDON 3 3N	4895	LAUREL	2	37 06	84 06	1217	10A	U.S. FOREST SERVICE	3	C	
ASHCAMP	0246	PIKE	1	37 16	82 36	1100	8A	MARY S. RATLIFF	3	C	LOUISA	4943	LAUREL	1	36 07	82 37	384	8A	JULIUS M. RAMM	3	C	
ASHLAND OAM 29	0254	BOYO	7	38 27	82 36	531	6P	7A	CORPS OF ENGINEERS	2	3	LOUISA 2	4946	LAWRENCE	1	36 07	82 37	600	8A	EDDIE L. YOUNG	3	C
BARBOURVILLE	0381	KNOX	2	36 52	85 53	1000	6P	UNION COLLEGE	2	3	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7	38 13	85 40	530	10A	CORPS OF ENGINEERS	2	3	C
BARSTOWN S.J. PREP SCH	0597	NELSON	3	37 16	83 53	700	6P	JAMES A. GROSSMAN	2	3	LOUISVILLE WB AP	4954	JEFFERSON	7	38 13	85 44	474	10A	U.S. WEATHER BUREAU	2	3	C
BAKER	0450	HARLAN	2	36 51	85 20	1164	7A	C. HONER NOLAN	2	3	LOUISVILLE UPPER GLE	4955	JEFFERSON	7	38 17	85 40	403	10A	CORPS OF ENGINEERS	3	C	
BEAVER DAM	0490	OWH	3	37 25	86 52	441	6P	E. G. YOUNG	2	3	LOUISVILLE WB CITY	4956	JEFFERSON	7	38 13	85 45	457	10A	U.S. WEATHER BUREAU	2	3	C
BENHAM	0593	HARLAN	2	36 58	82 57	1380	8A	C. C. WHITEAKER	2	3	LOUISVILLE WB CITY	4967	BALLARD	6	36 38	85 40	437	10A	BLAINE MALONE	2	3	C
BENTON	0611	MARSHALL	9	36 31	86 20	393	10A	JAMES M. MILLER	2	3	LUCAS	5002	BARREN	3	36 55	86 02	738	10A	NILLARD E. FOSTER	2	3	C
BEREA COLLEGE	0624	HADISON	4	37 34	84 16	1100	6P	JAMES A. GROSSMAN	2	3	NADISONVILLE 1 SE	5007	HOPKINS	3	37 19	87 29	435	7A	HONER WELBORN, JR.	2	3	C
BEREA WATER WORKS	0624	HADISON	4	37 34	84 16	1100	7A	MRS. L. G. GAFFARO	3	C	NAMMOTH CAVE PARK	5097	EDMONSON	3	37 11	86 06	800	5P	NATIONAL PARK SVC	2	3	C
BOWLING GREEN	0904	WARREN	3	37 00	86 26	356	7A	JAMES R. EDWARDS	3	C	MANCHESTER 4 4E	5111	CLAY	4	37 06	83 43	830	6P	NORA S. WHITE	2	3	C
BOWLING GREEN SUBST 74	0907	NARREN	3	37 01	86 26	470	7A	TVA-639	3	C	MEYFIELD SUBSTATION	5230	GRAVES	6	36 44	88 39	364	7A	TVA-5-A	2	3	C
BOWLING GREEN CAA AP	0909	NARREN	3	36 58	86 26	593	10A	CIVIL AERO. ADM.	2	3	MEYFIELD 2 S	5232	GRAVES	6	36 42	88 38	364	5P	MRS. JOE PAYNE	2	3	C
BOWLING GREEN WTR NKS	0978	CAMPBELL	7	36 58	86 26	593	10A	CITY BOWLING GREEN	2	3	MEYFIELD DAM 33	5243	NASON	3	37 11	86 06	1000	7A	MRS. NINNIE N. MORAN	3	C	
BRENT DAM 56	0978	CAMPBELL	7	36 58	86 26	593	10A	CORPS OF ENGINEERS	3	C	MC KEE	5291	JACKSON	2	37 26	84 00	1000	7A	MRS. NINNIE N. MORAN	3	C	
BROWNVILLE LOCK 6	1046	EDMONSON	5	37 12	86 16	410	7A	STINSON SKAGGS	3	C	MC KINNEYSBURG	5301	PENDLETON	5	38 36	84 16	654	7A	EDWARD C. GIFFORD	2	3	C
BURROWS 2 NE	1120	PIKE	1	37 13	82 35	1648	8A	EDWIN E. JOHNSON	3	C	MIDDLEBORO	5389	BELL	2	36 37	83 43	1130	3P	ALVIN L. BERTMAN	2	3	C
BURKESVILLE	1157	CUMBERLAND	1	36 47	85 22	600	7A	MARVIN M. LEE	3	C	MIDDLEBORO RR STA	5394	BELL	2	36 37	83 43	1130	7A	MC. H. HAGGAN	3	C	
CADIZ LOCK E	1206	TRIGG	2	36 46	87 38	424	7A	CORPS OF ENGINEERS	2	3	MIDWAY	5407	WOODFORD	4	36 09	84 09	—	7A	CITY OF MIDWAY	3	C	
CAMPBELLVILLE	1256	TRIGG	2	37 20	85 21	777	6P	ALVA MC KINLEY	2	3	MILLERSBURG	5430	BOURBON	3	38 18	84 09	—	7A	DAVID C. BAILEY	3	C	
CARROLLTON LOCK 1	1453	CARROLL	4	38 41	85 11	480	6P	CORPS OF ENGINEERS	2	3	MILLERSBURG	5458	GRAYSON	3	37 27	86 05	380	7A	MRS. O. M. LAWLER	3	C	
CENTRAL CITY	1549	MULLENBERG	3	37 17	87 07	453	10A	JAMES F. RICE	2	3	MONTICELLO	5524	WAYNE	2	36 50	88 00	960	7A	ALVIN L. BERTMAN	2	3	C
CLEMMONT 1 3SE	1601	MULLENBERG	3	37 00	86 26	600	5P	BERNARD FOUNDATION	2	3	MOUNTAIN STATE COLLEGE	5596	HOPKINS	3	37 14	87 47	360	8A	ART O. WILLIAMS	2	3	C
CLINTON	1631	NICKMAN	6	36 41	89 00	370	10A	WOODSON O. FRANKLIN	3	C	MOUNT STEERING	5640	MONTGOMERY	5	36 04	85 56	930	5P	FRED CARTMILL	2	3	C
COLLEGE HILL LOCK 11	1704	ESTILL	4	37 47	84 06	611	7A	CORPS OF ENGINEERS	3	C	MUNFORDVILLE	5684	HAY	3	37 16	85 53	636	7A	HUBERT E. HODGES	3	C	
COLUMBIA	1722	ADAIR	3	37 06	83 18	729	7A	MRS. HAZEL B. PICKETT	3	C	MURRAY	5694	CALLOWAY	9	36 36	88 20	600	6P	MURRAY WATER SYSTEM	2	3	C
CORBIN CAA AIRPORT	1801	WHITLEY	2	36 58	84 08	1173	10A	CIVIL AERO. ADM.	2	3	OLIVE HILL	6012	CARTER	7	36 18	83 11	752	10A	BRIT SCHOOL	3	C	
COVINGTON WB AIRPORT	1855	ROANE	3	37 04	84 40	450	10A	U.S. WEATHER BUREAU	2	3	ONEIDA DAM 55	6020	HOPKINS	3	37 14	87 47	360	7A	ART O. WILLIAMS	2	3	C
CUMBERLAND FALLS 37 PK	1969	WHITLEY	3	36 50	84 19	1074	10A	SP KY DEPT OF CONSP.	3	C	ONEIDA DAM 55	6039	CAMPBELL	7	36 58	84 18	512	7A	CORPS OF ENGINEERS	3	C	
CYNTHIANA 2	2003	HARRISON	5	38 23	84 19	719	7A	MARSHALL HILL	3	C	OWENSBORO 2 N	6091	DAVIESS	7	37 46	87 09	420	6P	VINGIL D. CLARK	2	3	C
DAVALLA	2040	BOYLE	4	37 59	84 46	755	8A	KY. CARPINAL OAIRY	2	3	OWENSBORO DAM 46	6096	DAVIESS	7	37 47	87 08	404	7A	CORPS OF ENGINEERS	5	C	
DELPHIA 1 E	2132	PERRY	4	37 02	83 07	1647	7A	R. P. COLEBURN	2	3	PAUDAM CAA AIRPORT	6110	MC CRACKEN	7	37 04	88 46	396	10A	CIVIL AERO. ADM.	2	3	C
DEMA	2159	KNOX	1	37 23	82 48	850	5P	BERNARD FOUNDATION	2	3	PAUDAM	6115	MC CRACKEN	7	37 06	88 37	340	6A </td <td>MRS. P. LACKY</td> <td>2</td> <td>3</td> <td>C</td>	MRS. P. LACKY	2	3	C
DEMEY DAM	2180	FLOYD	1	37 45	82 47	653	7A	GENE T. HILTON	3	C	PAUDAM ARMORY	6117	MC CRACKEN	7	37 05	88 35	344	10A	CITY OF PAUDAM	3	C	
DIX DAM	2214	MERCER	3	37 07	84 45	817	4P	MATTIE E. BARNEY	3	C	PAINTSVILLE	6136	JOHNSON	1	37 49	82 48	620	7A	JESSE FAIRCHILD	3	C	
DUNDEE BARRETT'S FORD BR	2258	OWH	3	37 33	86 45	450	7A	CORPS OF ENGINEERS	2	3	PIKEVILLE	6395	PIKE	1	37 29	82 31	686	5P	U.S. WEATHER BUREAU	2	3	C
DUNNOR	2366	MULLENBERG	3	37 05	86 00	610	10A	C. W. WILLIAMS	2	3	PRINCETON	6395	PIKE	1	37 29	82 31	686	5P	ALTON M. HARVILL	2	3	C
DUNNVILLE	2374	CASEY	5	37 15	84 58	—	7A	J. L. HUFF	3	C	RAVENDA LOCK 12	6679	ESTILL	4	37 40	83 57	684	7A	CORPS OF ENGINEERS	5	C	
DYER	2391	BRECKINRIDGE	3	37 45	86 13	793	10A	N. O. GIVENS	3	C	RICHMOND	6805	MADISON	4	37 44	88 18	1085	8A	THOMAS C. HENNON	2	3	C
EDDYVILLE LOCK F	2443	LITON	2	37 03	88 05	420	7A	LINNIE D. TAYLOR	3	C	ROCHESTER LOCK 3	6882	OWH	3	36 51	86 54	401	7A	CORPS OF ENGINEERS	5	C	
EDMONTON	2469	METCALFE	3	37 00	83 37	865	7A	LENA BLAIR	3	C	RUMSEY LOCK 3	7039	MC LEAN	6	37 52	87 16	584	6A	CORPS OF ENGINEERS	3	C	
ELKHORN CITY	2528	PIKE	1	37 18	82 21	800	7A	CORPS OF ENGINEERS	3	C	RUSSELLVILLE	7049	LOGAN	3	36 51	86 55	590	7A	WM. B. PORTER	2	3	C
FALMOUTH	2751	PENDLETON	5	37 28	86 06	856	6P	MRS. KESSIE CAMPBELL	3	C	RUSSELLVILLE SUBSTA	7054	LOGAN	3	36 50	86 54	576	7A	TVA-689	3	C	
FARMERS	2781	ROANE	3	36 58	89 53	668	6P	FRANK S. LAMSON	3	C	SADLEVILLE	7074	SCOTT	4	36 28	84 33	913	10A	STANLEY MILLIS	3	C	
FLEMINGSBURG	2808	FLEMING	3	36 58	89 53	668	6P	MRS. C. C. STAMPER	2	3	ST JOHN WETNLEH ACAD	7091	HARVIN	8	37 42	83 39	777	7A	SISTER M. MELITHA	2	3	C
FLEMINGSBURG 2	2903	FLEMING	3	36 58	89 53	668	6P	MRS. JEAN FLEMING	3	C	ST JOHN WETNLEH ACAD	7091	HARVIN	8	37 42	83 39	777	7A	SISTER M. MELITHA	2	3	C
FORDS FERRY DAM 50	2953	HADISON	4	37 53	84 13	593	6P	MRS. JEAN FLEMING	3	C	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
FRANKFORT LOCK 4	2961	CRITTENDEN	6	37 27	82 08	356	6P	MRS. JEAN FLEMING	3	C	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
FRANKLIN WATER WORKS	3028	FRANKLIN	4	36 58	84 32	594	6A	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
FREEDBURN	3046	PIKE	1	36 43	86 34	691	7A	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
FRENCHBURG	3052	WENDEE	3	37 07	83 39	930	7A	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GEORGETOWN WATER WORKS	3194	SCOTT	4	36 12	84 33	680	6P	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GEST LOCK 3	3203	HENRY	4	36 23	84 33	490	7A	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GLASCOCK	3241	BARREN	3	37 00	85 53	708	6P	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GLASCOCK MCKAY	3246	BARREN	3	37 00	85 53	708	6P	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GLENDALE	3252	HARDIN	3	37 36	83 33	700	3P	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GOLDEN POND 8 N	3295	TRIGG	2	36 34	86 00	393	4P	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GRANT OAM 38	3330	BOONE	7	36 39	84 10	323	6A	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GRAYSON	3391	CARTER	7	36 19	82 37	589	7A	CORPS OF ENGINEERS	2	3	SALVIA LOCK 6	7121	MERCER	4	37 56	84 49	520	10A	CORPS OF ENGINEERS	5	C	
GREENSBURG	3403	GREEN	3	37 15	83 30	590	7A															

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# CLIMATOLOGICAL DATA

## KENTUCKY

JULY 1954

Volume XLIX No. 7



CHATTANOOGA: 1954



O. K. Anderson, Section Director - Louisville

## WEATHER SUMMARY

The weather conditions during the month were very similar to those of the preceding June in that intense heat and below normal precipitation prevailed. Temperatures in the 90's were unusually frequent and practically every location with the exception of a very few in the eastern part of the state recorded a maximum of 100° or higher for the month. Severe thunderstorms occurring on several days were responsible for heavy damage to crops and property and to loss of life. The conditions of high temperatures and lack of moisture damaged growing crops in many parts of the state during the month.

The very warm and humid conditions at the end of June continued during the first five days of July. On the 6th, a cooler and drier air mass overspread most of the state bringing temperatures to near normal through the 10th. A rise to considerably above seasonal levels by the 13th brought near record heat to most of the state on the 13th and 14th. The 105° maximum at Louisville on the 14th was the highest recorded at that station since July 1936. A sharp break to cooler occurred on the 15th and 16th. Temperatures climbed rapidly on the 17th and 18th with afternoon maximums again reaching or exceeding 100° at many stations on the 18th. The hot weather persisted through the 20th. A slowly moving cold front passed southward over the state on the afternoon of the 21st bringing cooler and less humid air through the 27th. Rising temperatures prevailed to the end of the month. The mean temperature for the state was 79.2° which is 2.1° above normal. The monthly mean temperatures ranged from 83.9° at Hickman 1 E to 74.8° at Maysville Dam 33. The highest temperature reported in the state was 107° at Shelbyville 2 W on the 14th; the lowest 47° at Farmers on the 9th.

Precipitation was recorded from one location or another on 14 days but since the rainfall was of the showery type, amounts were unequally distributed and areas side by side showed a wide variation in total falls. Roughly, increasing amounts progressed from west to east with the least amounts along the Ohio River in the western part of the state and the greatest falls in the northeast counties. Scattered local showers were an almost daily occurrence the first six days with areas side by side reporting both heavy and light rains. Generally during this period the lightest falls were in the southwest with totals of less than 1/4 inch and the heaviest in the extreme north with totals of over 3 inches. During the next eight days showers were reported only on the 8th and 9th but practically all locations recorded measur-

able rain during this period. Stations in northern counties generally recorded less than 1/10 inch with local falls in excess of 1 inch in central counties and mountainous areas of the east. Brief thundershowers resulted in extremely variable amounts in short distances, as reported on the 15th, 16th, and 19th, with some locations reporting as much as an inch and others reporting no measurable rain. Scattered thundershowers accompanying the southward progress of a cool air mass resulted in some heavy showers as reported on the mornings of the 21st, 22nd, and 23rd. In a strip extending from the extreme southwest through the central portion to northeast Kentucky, amounts ranged from 1 to 2 inches while falls of over 3 inches were reported from the mountainous northeast. However, in the southeast and in counties near the Ohio River in the north-central area, amounts were much lighter. Following the 23rd and to the end of the month, there was no rain reported anywhere in the state. The average precipitation for the state was 2.86 inches which is 1.26 inches below normal. The total amounts recorded at the various locations ranged from 7.97 inches at Jackson to 0.17 inch at Shawnee Steam Plant. The heaviest rainfall in any 24-hour period was 3.67 inches at Lancaster reported on the 22nd.

The very warm weather and lack of rain were very detrimental to crops in many parts of the state during July. At the end of the month crop conditions were very spotted. Except for small grains which matured prior to the adverse weather, expected production of major field crops declined during July. Half of the tobacco in extreme western counties was reported to be blooming; in other areas it was very spotted, from shoulder high to barely well started. Rain was badly needed for this crop. Corn prospects varied tremendously ranging from total failure in some fields to average or better in others, reflecting the prevailing spotty rainfall regime. Dry weather reduced hay prospects materially during the month. Pastures were especially hard hit by the dry weather with their condition at the end of the month only 51 per cent of normal.

Severe storms contributed to loss of life and heavy damage during the month. In several cases these severe thunderstorms usually accompanied by high winds and hail covered large areas. Four fatalities were directly attributable to lightning. Damage to property and crops as a result of wind, hail, or by fire after lightning strikes exceeded \$300,000 during the month. The storms affecting the largest areas and contributing the greatest damage were those of the 1st, 7th, and 19th. - W.S.

# SUPPLEMENTAL DATA

KENTUCKY  
JULY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
LEXINGTON WB AP	NE	17	10.0	-	-	-	69	71	38	44	4	3	2	0	1	1	11	-	4.0
LOUISVILLE WB AP	SW	16	7.9	31	N	18	65	71	38	41	4	5	3	0	0	0	12	83	4.0

# COMPARATIVE DATA

JULY

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1889	75.1	98	50	5.62	-	-	1914	78.8	109	43	3.20	0		1939	76.5	102	50	4.83	0	
1890	73.0	101	44	2.66	-	-	1915	75.7	102	49	5.30	0		1940	75.5	102	46	2.68	0	
1891	74.0	91	47	4.08	-	-	1916	78.6	102	52	4.17	0		1941	76.5	106	51	5.71	0	
1892	76.5	100	48	3.30	-	-	1917	75.3	100	50	4.38	0		1942	78.1	101	48	4.71	0	
1893	78.8	101	50	3.48	-	-	1918	73.8	103	46	3.28	0		1943	77.8	102	48	4.21	0	
1894	76.2	105	43	2.03	-	-	1919	79.5	104	50	2.10	0		1944	77.5	103	45	1.93	0	
1895	75.2	99	49	5.75	-	-	1920	75.2	99	44	3.83	0		1945	75.2	104	46	3.33	0	
1896	77.4	103	47	7.44	0	0	1921	81.1	106	52	2.65	0		1946	76.1	100	45	4.23	0	
1897	77.8	107	50	4.79	0	0	1922	76.4	102	47	4.77	0		1947	71.6	102	40	3.84	0	
1898	77.8	102	48	4.71	0	0	1923	76.8	99	44	3.59	0		1948	77.1	103	46	5.04	0	
1899	77.3	100	47	3.78	0	0	1924	73.7	99	45	3.63	0		1949	79.5	100	55	4.09	0	
1900	77.9	101	50	4.91	0	0	1925	76.7	105	46	3.93	0		1950	73.4	93	40	6.66	0	
1901	81.7	112	48	1.72	0	0	1926	77.6	107	43	4.36	0		1951	76.9	100	45	2.85	T	
1902	78.1	107	48	1.91	0	0	1927	75.7	101	45	3.71	0		1952	79.4	110	47	2.59	T	
1903	77.5	104	49	3.53	0	0	1928	77.0	100	50	4.07	0		1953	77.2	102	47	3.74	T	
1904	75.2	99	46	3.40	0	0	1929	76.7	101	46	3.97	0		1954	79.2	107	43	2.86	T	
1905	75.9	102	52	5.93	0	0	1930	80.5	114	45	1.25	0								
1906	75.2	100	51	6.02	0	0	1931	79.9	104	51	3.85	0								
1907	78.1	102	40	4.70	0	0	1932	78.5	103	49	4.31	0								
1908	78.9	100	50	3.94	0	0	1933	77.0	106	47	6.05	0								
1909	74.8	99	48	6.01	0	0	1934	81.2	110	57	4.36	0								
1910	76.2	96	51	8.63	0	0	1935	78.8	103	55	5.16	0								
1911	75.8	105	42	2.28	0	0	1936	81.4	113	46	3.78	0								
1912	76.8	100	53	5.50	0	0	1937	75.6	102	41	3.04	0								
1913	79.9	109	48	2.54	0	0	1938	77.2	100	52	7.27	0								

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
JULY 1954

TABLE 2

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	.18 or More <sup>®</sup>	.50 or More	1.00 or More	
										90° or Above	32° or Below	32° or Below	0° or Below											
WESTERN DIVISION																								
BEAVER DAM	95.5		M		105	14					28	0	0	0	1.88	- 1.78	.95	21	.0	0		5	1	0
FORDS FERRY DAM 50	94.6	70.2	82.4		105	14	63	9+		0	23	0	0	0	1.44	- 1.31	.37	3	.0	0		5	0	0
GOLDEN POND 8 N	95.7	66.2	81.0		104	14+	55	10		0	27	0	0	0	3.64		1.50	21	.0	0		3	3	2
GREENVILLE 2 W	93.4	65.3	79.4	1.6	103	14+	55	10+		0	24	0	0	0	2.69	- 1.11	1.07	22	.0	0		4	2	1
HENDERSON 4 SW	93.9	68.1	81.0	1.5	103	14	57	9		0	27	0	0	0	2.14	- 1.07	.69	1	T	0		5	2	0
HICKMAN 1 E	97.6	70.1	83.9		104	3+	54	10			31	0	0	0	1.20		.82	22	.0	0		2	1	0
HOPKINSVILLE	95.1	67.2	81.2	2.1	106	15	60	10			24	0	0	0	3.13	- .72	1.42	16	.0	0		5	2	2
LOVELACEVILLE	95.4	68.7	82.1	2.5	103	14+	58	10		0	27	0	0	0	2.42	- .25	1.85	23	.0	0		3	1	1
MADISONVILLE 1 SE	93.7	67.0	80.4		102	14	55	10		0	24	0	0	0	2.48		.86	2	.0	0		7	1	0
MAYFIELD 2 S	96.1	69.8	83.0	3.9	103	7	61	10		0	28	0	0	0	3.04	- .84	1.91	23	.0	0		2	2	2
MURRAY	96.6	69.0	82.8	3.5	104	14+	58	10		0	28	0	0	0	2.39	- .87	1.63	3	.0	0		6	1	1
OWENSBORO 2 W	94.4	68.5	81.5	3.6	103	14	59	9		0	26	0	0	0	2.45	- .85	1.68	2	.0	0		3	1	1
PADUCAH CAA AIRPORT	94.6	71.4	83.0		103	13	60	10		0	27	0	0	0	1.47		.94	21	.0	0		3	1	0
PAUCAH	96.1	70.3	83.2	2.8	105	15	62	10+			28	0	0	0	.66	- 2.77	.32	5	.0	0		3	0	0
PRINCETON	96.3	66.7	81.5	2.9	104	14	58	10		0	27	0	0	0	2.28	- 1.19	1.55	8	.0	0		5	1	1
RUSSELLVILLE	94.3	65.6	80.0	1.8	102	13+	55	17+		0	27	0	0	0	2.51	- 1.77	1.61	8	.0	0		3	2	1
DIVISION			81.8												2.24				T					
CENTRAL DIVISION																								
ANCHORAGE	94.1	64.8	79.5	3.3	105	14	54	10		0	26	0	0	0	.99	- 3.19	.45	3	.0	0		4	0	0
BARDSTOWN S J PREP SCH	94.8	64.6	79.7		105	14	55	9+		0	25	0	0	0	2.20		.57	22	.0	0		7	2	0
BOWLING GREEN CAA AP	93.9	67.8	80.9	3.6	103	14	58	27		0	25	0	0	0	1.48	- 2.70	.62	7	.0	0		4	2	0
CAMPBELLSVILLE	93.0M	66.1M	79.6M		100	14	56	9+		0	25	0	0	0	2.47		.96	4	.0	0		4	2	0
CARROLLTON LOCK 1	92.7	63.9	78.3		105	14	53	10+		0	20	0	0	0	2.17	- 1.31	1.10	1	.0	0		4	2	1
CLERMONT 1 SSE	95.7	61.8	78.8		106	14	50	9		0	27	0	0	0	.99		.52	8	.0	0		3	1	0
COVINGTON W 8 AIRPORT	R 90.4	64.6	77.5	2.4	103	14	55	9		0	16	0	0	0	3.79	- .04	1.17	3	.0	0		5	3	1
DANVILLE	92.0	64.5	78.3	2.6	102	15	55	9			19	0	0	0	4.31	- .10	1.46	22	T	0		5	3	2
OIX DAM	94.8	67.0	80.9		104	14	57	9		0	24	0	0	0	2.93		1.45	8	.0	0		4	2	1
FRANKFORT LOCK 4	94.3	62.8	78.6	1.4	106	15	54	9+			25	0	0	0	2.26	- 1.83	1.32	22	.0	0		5	1	1
GLASGOW WKAY	92.5	66.8	79.7		100	13+	56	10		0	22	0	0	0	2.07		.45	21	.0	0		7	0	0
GREENSBURG	93.7	65.0	79.4	2.5	102	15	55	10+			24	0	0	0	3.12	- .85	1.10	23	.0	0		5	2	2
IRVINGTON	93.6	66.8	80.2	2.5	104	14	57	9		0	25	0	0	0	1.12	- 1.96	.44	4	.0	0		4	0	0
LEITCHFIELD	92.9	67.0	80.0	2.7	103	14	57	9		0	23	0	0	0	1.88	- 1.84	.64	22	.0	0		4	2	0
LEXINGTON W8 AIRPORT	R 92.2	67.1	79.7	4.0	103	14	56	9		0	19	0	0	0	3.82	- .43	2.10	21	.0	0		4	2	2
LOUISVILLE W8 AP	R 94.5	68.2	81.4	3.5	105	14	59	9+		0	28	0	0	0	1.18	- 1.90	.42	3	T	0		3	0	0
LOUISVILLE W8 CITY	R 92.7	71.4	82.1	3.5	104	14	60	9		0	21	0	0	0	.77	- 2.30	.39	3	.0	0		2	0	0
MAMMOTH CAVE PARK	93.8	64.4	79.1	2.9	102	14	53	17		0	23	0	0	0	2.14	- 2.17	1.22	22	.0	0		4	1	1
ST JOHN BETHLEHEM ACAO	92.6	65.0	78.8	2.2	102	15	51	9			22	0	0	0	2.86	- .57	1.13	2	.0	0		4	3	1
SCOTTSVILLE	93.4	67.1	80.3		102	13	56	9		0	22	0	0	0	2.30		.96	8	.0	0		5	2	0
SHELBYVILLE 2 W	96.4	66.2	81.3	4.4	107	14	56	9+		0	29	0	0	0	.56	- 3.42	.20	4	.0	0		3	0	0
SOMERSET 1 N	91.4M	65.6M	78.5M		101	14	56	6+		0	20	0	0	0	2.68		1.33	21	.0	0		4	2	1
SUMMER SHADE	93.8M	66.6M	80.2M		103	13+	54	26		0	23	0	0	0	1.75		1.01	22	.0	0		4	1	1
WILLIAMSTOWN	91.2	65.7	78.5	1.7	104	15	56	9			19	0	0	0	1.99	- 1.79	1.26	5	.0	0		3	1	1
WOLF CREEK DAM	93.5	63.1	78.3		103	14+	56	10			23	0	0	0	4.69		2.73	23	.0	0		4	3	1
DIVISION			79.6												2.27				T					
EASTERN DIVISION																								
ASHLAND DAM 29	90.8M	64.2M	77.5M	.8	105	14	54	17		0	19	0	0	0	6.61	2.43	2.91	21	.0	0		4	4	3
BARBOURVILLE																								
BAXTER	89.0	63.4	76.2		97	15	51	1			15	0	0	0	2.80		1.30	4	.0	0		5	2	1
BENHAM	91.3	61.3	76.3		101	15	53	25			21	0	0	0	4.83		1.35	22	T	0		8	4	2
BEREA COLLEGE	92.0	65.1	78.6	2.2	100	14+	53	26		0	20	0	0	0	4.51	- .22	1.33	21	.0	0		8	3	2
CORBIN CAA AIRPORT	90.5	62.3	76.4		102	14	54	17+		0	18	0	0	0	1.46		.64	8	.0	0		4	1	0
CYNTHIANA 2	93.2	61.5	77.4		104	15	51	10+			20	0	0	0	3.06		1.26	22	T	0		4	3	1
DEWEY DAM	92.0M	62.2M	77.1M		102	15	51	17			19	0	0	0	2.51		1.07	8	.0	0		4	2	2
FARMERS		58.7		M	105	14	47	9				0	0	0	2.39	- 2.35	1.53	22	.0	0		4	1	1
GRAYSON	90.6	59.8	75.2		105	14	48	9+		0	17	0	0	0	5.92		2.20	19	T	0		5	5	2
HEIDELBERG LOCK 14	92.3	62.5	77.4	1.2	101	14	51	17		0	21	0	0	0	5.72	.67	2.45	8	.0	0		4	2	2
HINDMAN SETTLEMENT SCH	90.3				99	15					18	0	0	0	5.97		2.00	8	T	0		7	4	2
INEZ	92.2	60.0	76.1		102	14	48	17		0	19	0	0	0	4.53		2.00	21	.0	0		6	3	2
MANCHESTER 4 SE	91.7	62.4	77.1		99	1+	51	10		0	20	0	0	0	3.90		2.50	8	T	0		3	3	1
MAYSVILLE DAM 33	88.6	60.9	74.8	- 2.1	104	15	52	9+			13	0	0	0	2.26	- 2.19	.78	4	.0	0		5	1	0
MIDDLESBORO	93.4	63.3	78.4	2.9	100	14	54	7		0	28	0	0	0	2.67	- 2.17	.90	8	.0	0		4	2	0
MOUNT STERLING	94.2	64.0	79.1	2.7	106	14	53	9		0	25	0	0	0	3.11	- 1.83			.0	0				
PIKEVILLE	92.8	66.7	79.8	2.2	103	14	59	17+		0	25	0	0	0	3.68	- .92	.90	15	.0	0		7	3	0
RICHMONO	91.9	66.0	79.0	2.0	101	15	55	9			20	0	0	0	3.84	- .49	2.09	22	.0	0		4	2	2
VANCEBURG DAM 32	91.1	60.3	75.7		104	14	51	9		0	17	0	0	0	3.53	- .84	1.30	19	.0	0		4	3	2
WEST LIBERTY WATER WKS	91.0	61.3	76.2		100	15	50	16			22	0	0	0	6.82		1.96	4	.0	0		5	4	4
WILLIAMSBURG	94.8	63.5	79.2	2.1	102	13+	51	17		0	2													



KENTUCKY  
JULY 1954

[illegible]

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
JULY 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE	2.51		.03		.31				1.61														.53	.03									
RUSSELLVILLE SUBSTA	2.85				.36				1.46								.50						.53										
ST JOHN BETHLEHEM ACAD	2.86	1.13			.67	.06			.70														.22	.08									
SALVISA LOCK 6	3.78		T		.90	T			1.47								.02			.83	T	T	.56										
SALYERSVILLE 2	3.84				.75	.10		.14	1.34							.11				.70			.70										
SCOTTSDALE	2.30		.22	.12				.26	.96								.05					.05	.64										
SEBREE	1.65		.19	.07		T			.19	T						.02							.08	1.10									
SHAWNEE STEAM PLANT	.17								.05											.05			.05	.02									
SHELBYVILLE 2 W	1.56			.10	.20				.05											.05			.10										
SHEPHERDSVILLE	1.58		.27	.36	.06	.11			.61								.01			.05			.11										
SOMERSET 1 N	2.68		T		.09			.22	.71													1.33	.33										
SPRINGFIELD	3.11			.43	.27	.11			1.17											.35			.78										
STEARNS	3.03			.01					.72														1.03	1.27									
SUMMER SHADE	1.75				T			.25	.23													.26	1.01										
SUMMER SHADE SUBSTA	2.04		.28	T	T	.12			.52							T							.25	.87									
TAYLORSVILLE	3.39			1.43		.06			1.05								.12			.63			.10										
TOMPKINSVILLE 2	3.53		.66	.30					1.28														.67	.62									
TURKEY CREEK SCHDOL	1.49				.02				.31								.21						.73	.22									
TYRONE LOCK 5	2.11	T		.30	.29				1.07								T			.12			.33										
UNIONTOWN DAM 49	.94		.03						.38							.06							.15	.32									
VALLEY VIEW LOCK 9	2.86			T	.28				.70							.08	.02			.06	T		1.72										
VANBUREN	2.76			.30	.76				.75							T	.12					.68	.15										
VANCEBURG DAM 32	3.53				.76	T	.01		.08											1.30		1.03	.35										
WAYNESBURG 6 E	5.63				.76				2.85													.62	1.40										
WEST LIBERTY WATER WKS	6.82				1.96	.10			1.57							.04				1.20			1.95										
WESTPORT	2.49		.24					.05								T				.04			2.16										
WILLIAMSBURG	2.70				.37				.80														1.53										
WILLIAMSTOWN	1.99	.10			.47	1.26			.07																								
WILLDOW LOCK 13	5.15				.66				.80	.05																							
WOLF CREEK DAM	4.69		.07		.27				.71											.85	.14	.09	2.65										
																				.06			.85	2.73									
WOODBURY LOCK 4	1.24		.12						.32								.08						.46	.26									

# DAILY TEMPERATURES

KENTUCKY  
JULY 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX MIN	98 65	95 67	95 67	90 68	91 71	88 59	93 65	83 65	86 57	89 54	94 62	99 64	101 75	105 71	94 69	90 58	96 60	100 65	97 70	99 74	90 74	87 69	90 63	90 59	91 56	95 58	95 59	98 64	97 66	101 67	100 68	94.1 64.8
ASHLAND DAM 29	MAX MIN	97 64	94 65	93 70	90 69	90 70	87 59	93 65	80 60	81 55	87 57	84 64	94 61	101 73	105 70	99 75	85 59	94 54	99 65	94 68	94 67	85 70	82 67	84 58	85 56	85 59	90 60	92 62	98 71	97 69		90.8 64.2	
BARBOURVILLE	MAX MIN																																
BARDSTOWN S J PREP SCH	MAX MIN	94 65	97 70	95 67	94 67	91 68	90 59	95 64	89 65	83 55	87 55	93 57	96 63	102 72	105 73	104 73	90 58	97 60	102 67	100 68	102 76	98 76	86 69	90 64	89 60	89 58	93 57	95 57	95 64	97 65	101 64	100 67	94.8 64.6
BAXTER	MAX MIN	92 51	95 65	92 67	92 66	88 66	92 59	87 58	89 67	80 64	82 58	86 59	87 63	92 63	95 67	97 72	87 59	85 54	92 65	91 66	92 72	88 70	82 66	85 60	85 58	86 59	91 61	90 65	88 71	93 74	89.0 65.1		
BEAVER DAM	MAX MIN	100 67	92 67	100 70	95 69	97 68	94 60	99 69	86 68	86 56	90 55	96 62	100 62	103 74	105 73	101 69	92 57	96 57	103 62	99 74	101 78	95 78	84 67	91 66	90 60	90 58	91 59	93 60	97 62	98 70	100 69	95.5	
BENHAM	MAX MIN	93 59	97 64	93 70	90 65	91 57	93 56	92 54	83 60	80 63	88 56	87 55	91 61	99 67	101 73	86 57	93 54	90 65	95 69	93 67	96 73	94 69	85 61	85 58	86 55	87 53	87 55	89 56	93 59	95 63	91 63	95 64	91.3 61.3
BEREA COLLEGE	MAX MIN	99 66	95 68	93 69	89 69	92 58	88 58	96 66	80 63	83 56	85 62	89 55	93 62	99 73	100 75	91 76	90 57	95 60	100 66	95 73	96 70	85 68	86 66	89 56	87 56	88 59	90 59	93 61	95 71	98 70	92.0 65.1		
BOWLING GREEN CAA AP	MAX MIN	98 69	95 70	98 70	93 69	97 71	93 62	98 66	78 67	84 63	87 61	92 62	98 65	102 75	103 79	84 68	90 62	95 63	101 68	100 76	98 76	96 73	85 71	90 63	89 60	90 58	92 63	95 60	96 70	97 67	97 70	93.9 67.8	
CAMPBELLSVILLE	MAX MIN	99 65	93 68	95 68	90 67	95 69	91 58	96 63	82 65	85 56	88 56	92 59	93 63	99 71	100 73	95 75	90 59	94 58	96 73	96 75	94 73	82 72	89 68	89 63	91 58	93 60	94 67	95 70	98 69		93.0 66.1		
CARROLLTON LOCK 1	MAX MIN	96 65	89 68	90 69	94 74	90 68	88 60	85 68	80 63	81 56	85 57	91 63	100 57	105 68	102 73	98 65	87 53	95 65	100 73	98 72	98 76	87 67	86 61	86 55	88 55	90 55	94 56	98 61	97 67	100 68	99 68	92.7 63.9	
CLERMONT 1 SSE	MAX MIN	99 63	94 62	96 65	91 66	94 67	91 55	96 61	83 63	84 50	89 52	92 55	98 64	103 72	106 69	105 69	91 53	98 53	103 62	102 72	102 74	101 75	87 69	91 63	91 58	92 52	93 52	97 59	99 62	102 62	101 62	95.7 61.8	
CORBIN CAA AIRPORT	MAX MIN	96 60	92 68	92 67	89 67	93 64	87 55	96 55	76 63	80 60	86 56	87 59	91 60	101 65	102 71	89 64	85 57	92 67	96 70	97 75	92 71	80 68	87 63	85 57	86 55	87 55	92 61	95 63	96 64		90.5 62.3		
COVINGTON W B AIRPORT	MAX MIN	93 66	94 66	91 68	89 65	84 65	86 59	87 67	79 60	82 55	86 60	91 67	95 67	98 72	103 78	83 68	86 58	92 69	95 74	98 70	81 70	85 64	84 60	86 58	89 54	89 56	91 59	96 60	94 68	99 71	97 72	90.4 64.6	
CYNTHIANA 2	MAX MIN	96 63	96 65	100 66	94 66	93 64	88 57	88 64	92 54	83 52	84 51	89 56	93 61	97 71	101 69	104 73	89 52	89 51	95 65	102 73	97 72	100 75	86 67	88 58	87 55	87 54	90 54	95 54	97 58	98 64	102 69	93.2 61.5	
DANVILLE	MAX MIN	93 65	101 66	93 69	94 69	89 60	93 62	89 66	95 66	80 55	84 56	88 59	90 63	93 68	100 75	102 73	88 60	89 57	95 59	98 68	96 75	94 74	85 68	87 63	87 60	88 58	89 58	91 60	95 68	95 70	98 71	92.0 64.5	
DEWEY DAM	MAX MIN	94 54	100 64	95 66	90 65	90 65	91 66	87 56	78 58	78 59		89 57	93 66	98 66	102 73	87 53	89 51	85 64	97 72	94 71	96 70	92 70	87 61	88 55	88 54	89 56	91 57	95 59	96 61	99 64	95 65	92.0 62.2	
DIX DAM	MAX MIN	101 68	98 71	96 68	93 69	95 70	96 63	98 66	86 63	83 57	88 60	92 63	97 66	101 72	104 76	102 75	90 61	97 61	100 74	98 76	93 77	87 67	87 64	87 61	89 60	90 59	94 62	100 66	99 66	102 70	99 70	94.8 67.0	
FARMERS	MAX MIN	98 62	94 60	93 64	91 67	91 54	90 54	96 55	83 62	83 47	90 49	95 56	103 56	105 64	103 68	84 53	93 49	98 61	95 66	93 68	93 70	85 65	54 52	54 49	51 51	51 51	56 56	63 63	62 62	62 62	58.7		
FORDS FERRY DAM 50	MAX MIN	99 71	91 70	100 73	97 72	95 73	97 67	87 68	85 63	87 60	96 63	100 70	101 78	105 77	97 69	88 65	94 78	101 78	99 77	100 77	92 75	87 73	87 68	88 64	90 63	92 65	98 65	99 69	98 70		94.6 70.2		
FRANKFORT LOCK 4	MAX MIN	96 59	97 67	97 69	97 71	93 60	94 60	91 60	96 67	85 54	85 54	90 58	95 64	98 71	106 71	92 56	90 56	98 69	100 74	100 76	100 70	87 62	88 59	89 56	90 57	91 57	92 57	95 61	96 66	101 66	94.3 62.8		
GLASGOW WKAY	MAX MIN	98 65	92 70	94 72	91 69	95 68	96 60	98 65	76 66	86 59	89 56	90 64	93 64	100 75	100 75	97 62	89 61	94 71	99 74	96 76	95 71	82 72	87 69	86 64	87 60	89 62	89 59	94 68	96 71	96 65	96 68	92.5 66.8	
GOLDEN POND 8 N	MAX MIN	98 66	98 68	102 71	97 67	98 68	97 63	99 66	85 62	86 55	88 55	94 61	100 64	102 77	104 73	100 76	90 64	97 59	104 66	102 72	101 70	98 67	90 72	92 68	89 67	90 58	92 58	95 63	96 65	97 66	96 62	95.7 66.2	
GRAYSON	MAX MIN	96 60	95 61	91 63	89 65	88 69	93 69	80 65	82 48	88 50	87 59	92 56	105 65	102 68	105 74	90 74	87 53	93 48	95 66	94 66	86 72	85 69	82 56	82 54	86 52	87 54	91 55	93 58	95 65	95 64	96 64	90.6 59.8	
GREENSBURG	MAX MIN	96 63	101 67	98 68	97 69	90 56	97 63	91 67	99 68	79 56	85 67	89 68	92 63	96 67	101 72	102 79	91 55	92 58	96 75	100 76	98 70	98 67	95 72	89 69	89 55	90 57	92 57	94 65	97 65	98 66	93.7 65.0		
GREENVILLE 2 W	MAX MIN	98 67	92 66	97 71	91 69	94 70	92 61	97 68	81 58	85 55	88 55	92 60	96 72	99 76	103 71	97 59	91 55	101 64	103 73	97 74	92 74	85 67	89 67	88 61	88 57	90 58	91 61	94 66	95 66	97 66	96 63	93.4 65.3	
HEIDELBERG LOCK 14	MAX MIN	100 62	98 66	95 67	93 69	94 65	91 56	98 56	76 56	82 58	89 53	89 61	94 64	98 70	101 76	103 76	98 52	95 61	101 65	103 71	95 70	84 61	86 58	85 54	87 53	90 56	91 64	94 64	98 65	96 65	92.3 62.5		
HENDERSON 4 SW	MAX MIN	99 67	90 68	99 72	94 71	94 70	94 64	96 74	84 68	86 57	87 58	94 64	98 67	101 78	103 76	91 68	90 50	95 60	98 71	98 76	92 78	86 69	90 63	90 55	92 62	92 61	92 62	97 63					



# DAILY TEMPERATURES

KENTUCKY  
JULY 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	98	92	98	96	96	90	97	87	84	88	91	95	101	102	99	91	96	101	100	98	96	82	89	87	89	89	92	93	96	98	97	93.8
	MIN	64	67	69	68	68	58	66	65	55	57	55	60	74	73	74	55	53	65	73	75	71	71	67	61	56	54	56	66	68	64	68	64.4
MANCHESTER 4 SE	MAX	99	94	95	89	95	91	98	74	83	88	88	93	98	99	95	86	93	97	96	97	93	86	86	85	85	87	91	92	94	98	97	91.7
	MIN	60	65	67	67	68	55	54	66	61	51	61	61	63	69	74	56	53	66	67	72	72	71	65	58	55	53	54	60	64	64	63	62.4
MAYFIELD 2 S	MAX	98	101	101	99	100	98	103	96	86	87	96	100	102	102	99	91	98	102	100	98	95	92	93	91	87	90	92	95	95	96	95	96.1
	MIN	69	70	73	70	73	67	73	66	63	61	65	72	77	77	79	67	64	73	73	73	74	72	70	69	69	63	65	70	69	69	70	69.8
MAYSVILLE OAM 33	MAX	90	92	93	88	88	82	83	89	78	81	84	86	94	97	104	84	84	90	98	93	98	83	83	80	81	85	85	88	93	95	99	88.6
	MIN	59	62	63	67	67	58	58	63	52	52	56	58	62	69	70	54	52	55	66	69	70	67	56	56	55	57	57	60	62	67	68	60.9
MIDDLESBORO	MAX	98	98	95	94	97	94	93	85	87	91	92	94	96	100	98	91	93	93	95	97	91	90	89	90	92	92	92	91	95	96	96	93.4
	MIN	57	66	68	65	64	56	54	66	64	57	60	59	63	70	71	58	55	72	73	73	74	71	67	61	56	57	56	58	64	63	63	63.3
MOUNT STERLING	MAX	100	98	94	92	91	89	98	84	85	90	93	97	103	106	101	91	95	102	97	98	92	90	87	87	89	90	95	95	96	101	95	94.2
	MIN	65	66	69	66	64	59	64	61	53	56	60	62	71	73	70	58	58	71	69	74	69	63	59	57	59	58	59	63	70	68	71	64.0
MURRAY	MAX	98	98	103	95	100	97	101	92	86	89	96	100	102	104	97	90	97	104	101	100	95	92	93	93	89	91	95	99	100	100	99	96.6
	MIN	68	70	72	70	72	66	66	70	65	58	62	67	78	78	76	69	62	70	73	74	77	73	72	71	71	60	61	67	65	65	71	69.0
OWENSBORO 2 W	MAX	100	88	99	91	94	92	95	86	88	89	97	97	102	103	92	93	98	99	98	99	92	82	92	92	92	95	96	95	96	97	97	94.4
	MIN	71	69	72	71	72	66	70	70	59	61	64	66	77	76	73	60	65	66	74	76	77	74	72	65	65	63	62	63	67	66	71	68.5
PAUCAH CAA AIRPORT	MAX	97	98	99	97	96	97	95	81	86	87	96	99	103	102	92	91	97	100	98	97	91	89	90	94	90	93	94	96	95	97	95	94.6
	MIN	73	73	75	73	74	67	72	69	62	60	66	75	79	81	76	68	66	77	78	76	76	74	73	71	67	64	64	68	74	72	70	71.4
PADUCAH	MAX	98	99	98	101	95	97	97	97	82	87	89	95	101	104	105	92	91	98	102	101	100	95	92	95	94	90	93	95	98	98	99	96.1
	MIN	69	72	73	70	70	67	74	69	63	62	66	68	74	79	81	67	63	70	77	74	75	73	74	71	70	66	62	67	71	70	73	70.3
PIKEVILLE	MAX	98	97	95	92	95	90	97	73	85	90	91	95	100	103	91	91	94	97	94	96	89	87	88	88	90	91	93	95	97	98	98	92.8
	MIN	68	71	70	70	71	62	62	69	66	61	66	63	64	74	77	61	59	69	72	74	72	72	67	61	59	59	61	63	67	70	68	66.7
PRINCETON	MAX	100	98	103	95	99	99	99	85	87	88	95	100	102	104	92	94	96	101	101	99	99	89	94	94	91	93	95	98	99	99	98	96.3
	MIN	61	69	71	66	76	69	72	67	61	58	62	61	74	71	72	59	61	69	72	70	74	71	73	68	67	59	62	62	64	62	66	66.7
RICHMONO	MAX	95	100	95	94	89	95	96	96	81	83	88	90	93	100	101	89	88	95	97	95	95	92	86	86	85	87	87	90	90	94	97	91.9
	MIN	66	70	72	69	71	60	65	64	55	56	61	64	73	76	74	58	56	71	71	75	75	68	62	59	57	57	59	65	72	72	73	66.0
RUSSELLVILLE	MAX	99	95	99	91	97	93	98	83	85	87	92	97	102	102	90	90	95	102	99	98	97	87	91	90	90	91	93	96	98	98	98	94.3
	MIN	66	66	71	67	69	60	65	65	61	62	63	62	74	75	77	58	55	63	72	73	72	69	72	65	62	56	55	64	65	62	69	65.6
ST JOHN BETHLEHEM ACO	MAX	95	97	92	98	89	91	90	96	80	82	86	91	95	101	102	88	89	92	98	101	98	94	83	88	89	90	92	94	95	97	99	92.6
	MIN	65	65	68	66	66	61	62	63	51	59	60	62	71	72	72	61	62	65	70	76	75	70	65	62	63	62	62	64	65	64	66	65.0
SCOTTSVILLE	MAX	98	93	97	92	96	92	97	81	83	86	91	96	102	101	96	88	94	100	99	98	95	84	88	87	88	89	93	95	98	99	98	93.4
	MIN	66	70	70	69	70	65	61	66	56	57	61	66	73	78	72	61	59	68	74	75	75	70	73	67	64	59	60	69	69	68	69	67.1
SHELBYVILLE 2 W	MAX	97	96	96	93	91	91	94	85	89	90	97	99	103	107	97	94	100	101	101	102	96	91	91	92	95	97	98	100	100	103	101	96.4
	MIN	67	70	70	68	72	62	67	64	56	56	67	67	74	73	71	57	59	69	72	78	73	69	61	61	59	61	61	64	67	68	70	66.2
SOMERSET 1 N	MAX	97	93	94	90	94	88	97	76	82	86	88	93	99	101	95	88	94	98	98	97	96	82	86	84	86	86	91	92	93	97		91.4
	MIN	61	70	68	69	67	56	56	67	61	59	62	62	69	71	81	62	60	75	75	71	72	71	66	62	60	60	58	64	67	65		65.6
SUMMER SHADE	MAX		95	98	94	96	92	97	76	83	87	92	97	103	103	95	90	98	103	100	100	95	81	88	87	88	89	96	97	97	98	98	93.8
	MIN		69	69	68	65	62	66	66	60	60	61	65	74	75	79	61	58	73	73	76	72	72	69	62	56	54	61	68	70	66	68	66.6
VANCEBURG DAM 32	MAX	96	95	91	89	87	86	93	81	82	88	88	95	101	104	103	86	90	100	94	97	90	84	82	84	83	85	88	94	94	95	99	91.1
	MIN	63	62	66	62	67	57	58	60	51	52	57	60	68	62	69	54	53	62	65	66	67	64	54	54	55	52	57	60	65	64	64	60.3
WEST LIBERTY WATER WKS	MAX	92	94	96	95	90	94	90	90	80	89	90	80	92	97	100	88	90	90	95	92	97	85	86	85	88	87	88	90	90	97	94	91.0
	MIN	60	64	65	60	60	65	62	60	62	60	60	62	67	65	69	50	55	53	62	65	67	67	63	60	62	60	60	55	60	60	61	61.3
WILLIAMSBURG	MAX	100	97	98	97	98	93	90	89	89	89	91	95	102	102	99	95	95	99	102	101	98	87	88	88	90	90	94	94	94	98	98	94.8
	MIN	53	67	67	66	65	59	58	57	58	57	58	62	67	71	77	54	51	66	74	76	67	70	69	62	58	59	58	62	66	66	67	63.5
WILLIAMSTOWN	MAX	96	93	95	92	90	85	86	90	80	81	85	90	92	97	104	85	89	93	101	97	98	81	87	85	87	89	90	93	97	101		91.2
	MIN	66	63	69	65	60	61	65	62	56	58	63	67	78	76	68	59	61	65	73	73	71	61	63	61	62	63						

# STATION INDEX

KENTUCKY  
JULY 1994

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables		
ADDISON DAM 45	0031	BRECKENRIDGE	7 37 55	86 34	360	6A	6A	CORPS OF ENGINEERS	3	C	LIBERTY	4755	CASEY	3 37 21	84 55	772	7A	PALLIA F. HANKLA	3	C	
ADOLPHUS 1 N	0043	ALLEN	3 38 55	86 16	160	7A	7A	DEAN DEAN	3	C	LITTLE HICKMAN LOCK B	4825	JESSAMINE	4 37 45	84 35	560	7A	CORPS OF ENGINEERS	3	C	
ALBANY	0063	CLINTON	2 36 42	85 07	950	7A	7A	MRS. BARBARA M. COOL	3	C	LOCKPORT LOCK 2	4837	HENRY	4 38 26	84 58	485	6A	CORPS OF ENGINEERS	3	C	
ALLEN	0095	FLOYD	1 37 35	82 43	650	8A	8A	HANNIE AUXIER	3	C	LOGIC 1 S	4882	CLARK	4 37 51	84 02	-	7A	MRS. H. BURGER	3	C	
ANCHORAGE	0115	JEFFERSON	7 38 16	85 33	700	7P	7P	C. E. BARRETT	2 3 5	C	LONDON 3 SW	4893	LAUREL	2 37 06	85 06	1217	7A	U.S. FOREST SERVICE	3	C	
ASHCAMP	0246	PIKE	1 37 16	82 26	1100	8A	8A	MARY S. BATLIFF	3	C	LOUISA	4943	LAWRENCE	1 38 07	82 37	584	8A	JULIUS M. RANKIN	3	C	
ASHLAND DAM 29	0248	BOYD	7 38 27	86 36	551	6P	6P	CORPS OF ENGINEERS	2 3 5	7	LOUISA 2	4946	LAWRENCE	1 38 07	82 37	600	7A	EDDIE L. YOUNG	3	C	
BARBOURVILLE	0381	KNOX	2 36 52	83 53	1000	6P	6P	UNION COLLEGE	2 3 5	C	LOUISVILLE BONMAN FLD	4951	JEFFERSON	7 38 13	85 40	558	7A	CORPS OF ENGINEERS	2 3 5	7	C
BARSTOWN S.J. PREP SCH	0397	NELSON	8 57 48	85 28	637	6P	6P	ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 44	474	7A	U.S. WEATHER BUREAU	2 3 5	7	C
BEAVER DAM	0490	OHIO	3 37 25	86 52	441	6P	6P	E. G. YOUNG	2 3 5	7	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	405	6A	CORPS OF ENGINEERS	3	C	
BENHAM	0595	MARLAN	2 36 50	82 57	1580	8A	8A	C. C. WHITEAKER	2 3 5	7	LOUCEVILLE	4967	BALLARD	6 36 50	88 50	370	6P	BLAINE MALONE	2 3 5	C	
BENTON	0611	MARSHALL	3 36 58	81 00	395	6P	6P	JAMES H. MILLER	2 3 5	C	LOUCAS	5002	BARRON	3 36 53	86 02	738	7A	WILLARD E. FOSTER	2 3 5	C	
BERRA COLLEGE	0914	MARLAN	4 37 34	84 18	1070	6P	6P	JAMES A. GROSSMAN	2 3 5	C	LOUISVILLE 1 SE	5249	MASON	2 38 38	83 42	515	7A	CORPS OF ENGINEERS	2 3 5	7	C
BERRA WATER WORKS	0624	MADISON	4 37 34	84 16	1100	7A	7A	MRS. L. B. GAFFARD	3	C	MANMOTH CAVE PARK	5097	EDMONSON	3 57 11	86 06	1000	50P	NATIONAL PARK SVC	2 3 5	7	C
BOWLING GREEN	0904	WARREN	5 37 00	86 26	536	7A	7A	JAMES R. EDWARDS	3	C	MANCHESTER & SE	5111	CLAY	4 37 06	83 43	850	6P	NORA S. WHITE	2 3 5	C	
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	7A	7A	TYA-639	3	C	MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 59	364	5P	TYA-5-A	2 3 5	C	
BOWLING GREEN CAA AP	0909	WARREN	3 36 58	86 26	535	10M	10M	CIVIL AERO. ADM.	2 3 5	7	MAYFIELD 2 S	5232	GRAVES	6 36 42	88 59	364	5P	MRS. JOE PAYNE	2 3 5	C	
BOWLING GREEN WTR WKS	0914	WARREN	5 37 00	86 26	509	7A	7A	CITY BOWLING GREEN	3	C	MAYVILLE DAM 55	5249	MASON	2 38 38	83 42	515	7A	CORPS OF ENGINEERS	2 3 5	7	C
BRENT DAM 36	0978	CAMPBELL	7 39 05	84 25	497	7A	7A	CORPS OF ENGINEERS	3	C	MC KEE	5291	JACKSON	2 37 26	84 00	1000	50P	MRS. WINNIE W. MORAN	3	C	
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A	7A	STINSON SKAGGS	3	C	MC KINNEYSBURG	5301	PENDLETON	5 38 36	84 16	654	7A	CORPS OF ENGINEERS	2 3 5	7	C
BURDINE 2 NE	1120	PIKE	1 37 13	82 35	1643	8A	8A	EDWIN E. JOHNSON	3	C	MIDDLESBORO	5389	BELL	2 36 37	83 43	1130	5P	LOAN L. HERRELL	2 3 5	7	C
BURDINE 2 S	1137	CUMBERLAND	2 36 47	85 22	600	7A	7A	MARVIN M. LEE	3	C	MIDDLESBORO RR STA	5394	BELL	2 36 37	83 43	1130	5P	MID SNEED C. PRIAR	2 3 5	7	C
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	424	7A	7A	CORPS OF ENGINEERS	3	C	PAUDCA	5407	WOODFORD	4 38 09	84 41	-	7A	CITY OF MIDWAY	2 3 5	C	
CAMPBELLVILLE	1256	TYALOR	3 37 20	85 21	777	6P	6P	ALVA MC KINLEY	2 3 5	C	MILLERSBORO	5430	BOURBON	5 38 18	84 09	-	7A	DAVID C. BAILEY	3	C	
CARROLL LOCK 1	1345	CARROLL	4 38 41	85 11	480	6P	6P	CORPS OF ENGINEERS	2 3 5	C	MILLERSTOWN	5438	GRAYSON	3 37 27	86 03	580	7A	MRS. D. M. LAWLER	3	C	
CENTRAL CITY	1439	MULLENBERG	3 37 57	87 07	453	7A	7A	JAMES F. RICE	2 3 5	C	MONTICELLO	5524	WAYNE	2 36 50	84 00	960	7A	ALVIN L. BERTRAM	3	C	
CLEMENT 1 SSE	1611	BULLITT	6 36 16	89 00	370	7A	7A	BERNARD FORMATION	2 3 5	C	MOREHEAD STATE COLLEGE	5555	ROWAN	3 36 11	83 26	770	7A	MID H. C. CAGAN	3	C	
CLINTON	1631	MICHIGAN	6 36 16	89 00	370	7A	7A	WOODS, FRANKLIN	3	C	MOUNT STERLING	5640	MONTGOMERY	3 36 04	83 56	930	5P	FRED CARTMILL	2 3 5	C	
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A	7A	CORPS OF ENGINEERS	3	C	MUNFORDVILLE	5684	HART	3 37 16	85 53	636	7A	HUBERT E. HODGES	3	C	
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	7A	7A	MRS. HAZEL B. PICKETT	3	C	MURRAY DAM	5694	CALLAWAY	9 36 36	88 20	600	6P	MURRAY WATER SYSTEM	2 3 5	7	C
CORBIN CAA AIRPORT	1801	WHITLEY	2 36 58	84 08	1173	7A	7A	CIVIL AERO. ADM.	2 3 5	7	OLIVE HILL	6012	CARTER	7 38 18	83 11	752	7A	ERIE SCHOOL	3	C	
CUMBERLAND FALLS ST PK	1969	WHITLEY	3 37 04	84 40	1070	7A	7A	U.S. WEATHER BUREAU	2 3 5	7	ONOTA	6020	U.S. WEATHER BUREAU	7 38 18	83 11	752	7A	WESTERN ACADEMY	2 3 5	7	C
CYNTHIANA	1998	HARRISON	5 38 23	84 19	684	7A	7A	SP KY DEPT OF CONS.	3	C	ONOTA DAM 35	6093	CAMPBELL	7 38 58	84 18	512	4P	CORPS OF ENGINEERS	2 3 5	7	C
CYNTHIANA 2	2003	HARRISON	5 38 23	84 17	719	8A	8A	MARSHALL HILL	2 3 5	C	OWENSBORO 2 W	6091	DAVIES	7 37 46	87 09	420	6P	TYRIGIL D. CLARK	2 3 5	7	C
DANVILLE	2040	BOYLE	4 37 39	84 06	955	7A	7A	R. P. COLDIRON	2 3 5	7	OWENSBORO 46	6096	DAVIES	7 37 47	87 08	404	7A	CORPS OF ENGINEERS	3	C	
DELPHIA 1 E	2132	MARTIN	1 37 48	82 32	927	7A	7A	J. L. HUFF	3	C	PAUDCA CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	398	6P	CIVIL AERO. ADM.	2 3 5	7	C
DEMA	2159	KNOTT	1 37 25	82 48	850	7A	7A	GENE T. HILTON	3	C	PAUDCA ARMY	6117	MC CRACKEN	7 37 05	88 35	344	7A	CITY OF PAUDCA	2 3 5	7	C
DEWEY DAM	2180	FLOYD	1 37 45	82 47	653	7A	7A	HATTIE B. BARNEY	3	C	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620	7A	JESSE FAIRCHILD	2 3 5	7	C
DIX DAM	2214	MERCER	3 37 45	84 83	917	4P	4P	CORPS OF ENGINEERS	2 3 5	6	PIKEVILLE	6353	PIKE	1 37 29	82 31	686	5P	U.S. WEATHER BUREAU	2 3 5	7	C
DUNDEE BARRETT'S FORD B	2358	ONIO	3 37 33	86 43	450	7A	7A	C. W. WILLIAMS	2 3 5	6	PIKEVILLE	6364	BELL	2 36 45	83 42	999	7A	F. PARTIN	3	C	
DUNMORE	2366	MULLENBERG	3 37 05	87 00	610	7A	7A	N. D. GIVENS	3	C	PRINCETON	6375	CALDWELL	2 37 06	87 53	529	5P	ALTON M. HARVILL	2 3 5	7	C
DUNVILLE	2374	CASEY	3 37 13	84 58	-	8A	8A	LINNIE D. TARTER	3	C	RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	634	7A	CORPS OF ENGINEERS	2 3 5	7	C
DEER	2391	BRECKENRIDGE	3 37 43	86 13	793	7A	7A	LINA BLAIR	3	C	RICHMOND	6805	HADISON	4 37 44	84 18	1085	8A	THOMAS C. HERNDON	2 3 5	7	C
EDDYVILLE LOCK F	2445	LYON	2 37 08	87 05	420	7A	7A	CORPS OF ENGINEERS	3	C	ROCHESTER LOCK 3	6882	ONIO	3 37 15	86 54	401	7A	CORPS OF ENGINEERS	2 3 5	7	C
ELKHORN CITY	2459	METCALFE	3 37 00	85 55	865	7A	7A	JOHN E. MORAN	3	C	RUSSELL LOCK 2	7059	MC LEAN	3 37 32	87 16	384	6A	CORPS OF ENGINEERS	2 3 5	7	C
FALMOUTH	2529	PIKE	1 37 18	82 21	800	7A	7A	MRS. KELSIE SCAMMELL	3	C	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	7A	THA-683	2 3 5	7	C
FARMERS	2781	ROWAN	5 38 09	83 39	668	6P	6P	FRANK H. LAWSON	3	C	SADIEVILLE	7074	SCOTT	4 38 23	84 33	913	7A	MIDAN WILSON	3	C	
FLEMING	2793	FLEMING	5 38 25	83 43	470	7A	7A	MRS. C. C. STAMPER	2 3 5	7	ST JOHN BETHLEHEM ACAD	7091	HARDIN	8 37 42	85 59	777	7A	SISTER M. MELITINA	2 3 5	7	C
FLEMING 2	2903	FLEMING	5 38 25	83 43	470	7A	7A	MAURICE B. CARPENTER	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A	CORPS OF ENGINEERS	3	C	
FORD LOCK 10	2953	MADISON	4 37 53	84 15	593	6A	6A	CORPS OF ENGINEERS	2 3 5	7	SALVIAVILLE	7129	HAGGFFIN	5 37 45	83 05	859	7A	STANLEY GARDNER	2 3 5	7	C
FORDS FERRY DAM 50	3021	CRITTENDEN	7 37 20	88 06	356	6P	6P	CORPS OF ENGINEERS	2 3 5	7	SALVIAVILLE	7134	HAGGFFIN	5 37 45	83 04	900	7A	FOREST C. WILLIS	3	C	
FRANKFORT LOCK 4	3022	FRANKLIN	4 38 13	84 52	504	6A	6A	CORPS OF ENGINEERS	2 3 5	C	SCOTTSVILLE	7215	ALLEN	3 36 45	86 12	770	5P	NOBLE ALLEN	2 3 5	7	C
FRANKLIN WATER WORKS	3030	SIMPSON	3 36 34	86 34	691	7A	7A	HERBERT D. DEAN	3	C	SEBEE	7224	HERBERT	2 37 06	87 32	348	6P	GILBERT I. ASHBY	3	C	
FREEBURN	3046	PIKE	1 37 34	82 08	727	7A	7A	JOHN E. TANNER	3	C	SHANNEY STEAM PLANT	7311	MC CRACKEN	7 37 09	86 47	355	7A	TYA-709	2 3 5	7	C
FRECHBURG	3052	MENIFEE	5 37 57	83 39	930	7A	7A	FRANCHBURG SCHOOL	3	C	SHELBYVILLE 2 W	7324	SHELBY	8 38 13	85 16	825	6P	WILLIAM S. A. RATTIA	2 3 5	7	C
GEORGETOWN WATER WORKS	3154	SCOTT	4 38 12	84 33	880	8A	8A	JOE W. ATKINS	3	C	SHEPHERDSVILLE	7334	BULLITT	8 38 00	85 44	-	7A	DAVID K. MAGRUDER	3	C	
GEST LOCK 3	3203	HENRY	4 38 25	84 53	480	7A	7A	CORPS OF ENGINEERS	3	C	SMITHFIELD 4 S	7473	SHELBY	8 30 20	85 16	862	7A	F. W. SIMPSON	3	C	
GLASSBORO	3241	BARRON	3 37 00	85 55	780	7A	7A	BERTLY M. BEAN	3	C	SOMERSET	7508	PULASKI	2 37 06	84 37	1050	6P	RADIO STA WSCF	2 3 5	7	C
GLASSBORO WKAY	3246	BARRON	3 37 00	85 55	780	6P	6P	RADIO STATION WKAY	2 3 5	C	SOMERSET 1 N	7510	PULASKI	2 37 07	84 37	1050	6P	W. H. COATLEY	2 3 5	7	C
GLENDALE	3252	HARDIN	5 37 36	85 55	700	7A	7A	DAVID W. BELL	3	C	SPRINGFIELD	7604	WASHINGTON	8 37 41	85 14	738	7A	MRS. ALICE N. BALL	3	C	
GOLDEN PONE B N	3255	TRIGG	2 36 54	88 00	393	4P	4P	FISH & WULF REFUGE	2 3 5	6	STEARNS	7677	MC CREARY	2 36 43	84 29	1420	7A	MRS. ALICE N. BALL	3	C	
GRANT DAM 38	3350	ROONE	7 38 59	84 50	503	7A	7A	CORPS OF ENGINEERS	3	C	SUMMER SHADE	7800	METCALFE	3 36 53	83 48	-	6P	CHAS. H. MC MURTRY	2 3 5	7	C
GRAYSON	3391	CARTER	7 38 19	82 57	589	7P	7P	SHIRLEY I. STATEN	2 3 5	C	SUMMER SHADE SUBSTA	7805	METCALFE	3 36 53	83 48	-	7A	TYA-684	2 3 5	7	C
GREENSBURG	3430	GREEN	3 37 15	85 30	630	7A	7A	HONARD PICKETT	2 3 5	C	TATAM SPRINGS	7924	WASHINGTON								

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

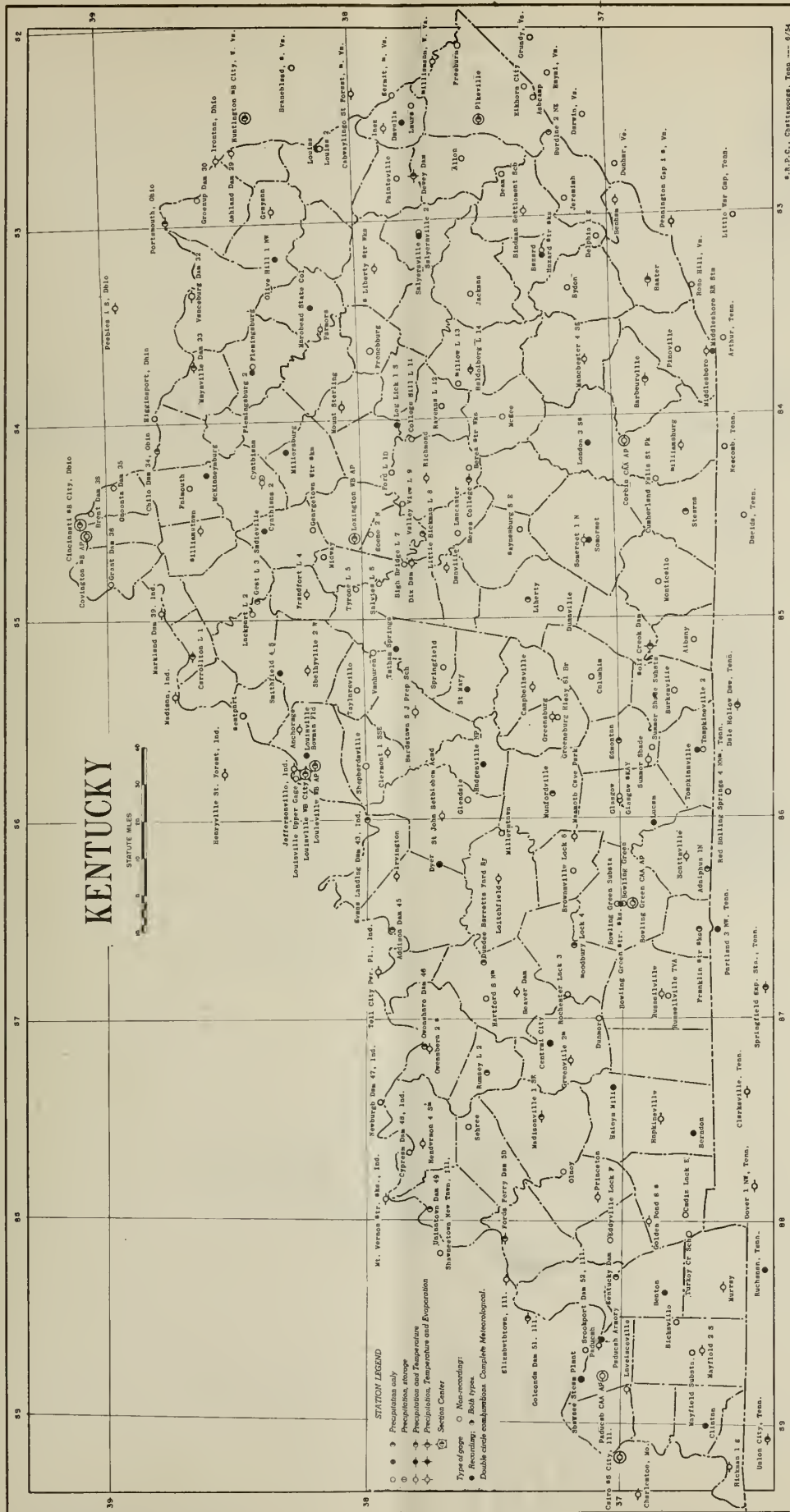
T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 9/2/54 --- 775



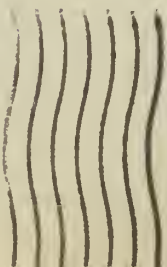


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# CLIMATOLOGICAL DATA

KENTUCKY

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UNIVERSITY OF ILLINOIS

AUGUST 1954  
Volume XLIX No. 8



CHATTANOOGA: 1954

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## WEATHER SUMMARY

Near-normal precipitation was a welcome relief after six straight months of below-normal averages. The drought was relieved in most areas by frequent rainfall, although the average temperature was the seventh highest of record for August. Temperatures ranged from 47° on the 13th at Cynthiana 2 to 108° on the 16th at Murray and on the 17th at Hopkinsville. Monthly precipitation totals ranged from 1.16 inches at Kentucky Dam to 8.76 inches at Laura. The greatest 24-hour precipitation amount was 3.85 inches recorded on the 17th at Dunmore. Cloudiness was slightly above normal, and sunshine correspondingly below normal during the month. Thunderstorm frequency was above normal.

Cool air moving into the state on the 1st brought general precipitation that was heavy in some areas through the 4th. Warm air returning on the 3rd sent temperatures over 100° in the Western Division on the 4th. The 5th was rather windy, and the heat moderated in all areas on the 6th. Temperatures rose again on the 8th as a low pressure center moved eastward from Arkansas to Ohio, depositing moderate to heavy precipitation and some hail mostly over the eastern half of the state. Cooler air arrived on the 9th following the low pressure center, marking the first of two principal cool spells this month and bringing the lowest temperatures of the month to most stations. This cool mass held sway until the 14th, when warm air returned to dominate the state through the 29th, and to send temperatures to their peak for the month in many areas on the 16th. Brief breaks in the heat wave were recorded on the 17th and from the 20th to the 22nd, but a fresh surge of warm air on the 23rd sent temperatures soaring again. Scattered thundershowers gave momentary relief from the heat from the 21st to the 29th. The northward movement of Hurricane "Carol" on the 30th pulled cooler air southward over the state, and brought the second principal cool spell of

the month. The state was under the influence of an extensive high pressure area at the close of the month, with little cloudiness and considerable sunshine.

Crops continued to suffer from drought in the western part of the state during August. Elsewhere, timely rains improved almost all crop conditions. Cutting of burley tobacco began during the month, and much of the crop was already housed in some southern and western counties by the month's end. Late corn was very spotty, and ranged from excellent to some failure. Hay was being harvested by the end of the month, and yields were better than had been expected at the end of July. Pastures improved in the areas of favorable rainfall. Soybeans improved during the month with yields in the principal producing areas expected to be near average. Seeding grasses and plowing for fall-seeded grains and cover crops was under way in many parts of the state at the close of the month.

The following information on severe storms was furnished by the Meteorologist in Charge, Weather Bureau Office, Louisville, Kentucky: "An unusual number of damaging wind, hail, and electrical storms occurred during the month and while most of them caused only relatively minor damage, the estimated loss to property and crops by all exceeded a half million dollars. There were also two fatalities attributable to one of the storms. The third tornado of the year was reported between 3 and 3:30 P.M. on the 2nd in Taylor and Washington Counties. This storm moving southwest to northeast had a path of 100 yards and caused damage for a length of 1 1/2 miles. Total estimated damage was \$13,000. The most destructive storm during the month was also on the 2nd in Daviess County. A hailstorm hit the county between 9:30 and 10:00 P.M. destroying many crops and resulting in a loss of about \$300,000. Tobacco and corn were the hardest hit." - Harold S. Lippmann

# SUPPLEMENTAL DATA

KENTUCKY  
AUGUST 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSW	11	8.9	-	-	-	85	87	58	68	5	6	4	1	1	0	17	-	6.2
LOUISVILLE WB AP	S	14	6.6	36	NW	26	83	87	58	61	5	4	7	0	2	0	18	58	6.3

## COMPARATIVE DATA

AUGUST

Table 1																				
Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1889	70.6	100	43	1.23	-		1914	76.0	100	49	5.94	0		1939	75.3	99	43	2.88	0	
1890	73.2	101	44	6.16	-		1915	71.3	100	42	6.29	0		1940	76.0	102	45	3.57	0	
1891	72.9	105	43	5.82	-		1916	77.0	101	47	4.25	0		1941	76.9	105	44	3.13	0	
1892	75.4	96	45	3.13	-		1917	73.9	100	42	3.49	0		1942	74.9	104	42	6.56	0	
1893	74.8	99	48	1.72	-		1918	80.2	111	50	3.18	0		1943	78.1	106	42	1.32	0	
1894	77.1	105	41	3.02	-		1919	75.0	104	47	3.49	0		1944	76.3	104	43	5.45	0	
1895	76.6	102	49	2.15	0		1920	73.4	98	43	5.80	0		1945	75.5	103	40	2.47	0	
1896	77.1	105	41	2.83	0		1921	76.0	101	48	5.28	0		1946	70.7	96	36	4.42	0	
1897	75.2	101	49	2.33	0		1922	75.2	101	47	2.43	0		1947	79.6	106	53	3.89	0	
1898	76.7	100	55	3.83	0		1923	75.4	99	43	6.03	0		1948	74.9	105	47	2.13	0	
1899	78.1	102	51	3.09	0		1924	76.5	103	43	3.00	0		1949	75.3	97	48	4.54	0	
1900	80.4	104	52	2.74	0		1925	76.5	106	44	1.47	0		1950	71.9	93	37	4.78	0	
1901	75.5	101	50	5.12	0		1926	77.3	101	51	7.51	0		1951	76.0	103	39	3.17	T	
1902	75.6	103	45	2.48	0		1927	71.1	97	43	2.88	0		1952	76.3	103	40	3.45	T	
1903	75.5	100	49	3.27	0		1928	77.0	101	54	4.33	0		1953	76.0	104	44	1.54	T	
1904	75.2	100	45	2.64	0		1929	74.0	100	37	2.06	0		1954	77.5	108	47	4.29	T	
1905	75.7	99	42	3.82	0		1930	76.5	113	42	2.25	0								
1906	77.4	99	45	4.37	0		1931	74.9	102	45	5.36	0								
1907	74.8	99	48	4.27	0		1932	76.5	103	43	4.25	0								
1908	76.3	104	49	2.79	0		1933	74.7	99	51	3.26	0								
1909	76.9	104	45	2.60	0		1934	76.6	104	46	4.76	0								
1910	74.0	100	46	2.72	0		1935	77.0	105	42	4.22	0								
1911	76.2	106	45	4.03	0		1936	81.1	108	43	2.22	0								
1912	73.7	98	43	4.71	0		1937	78.0	100	53	3.63	0								
1913	78.0	108	44	2.81	0		1938	78.0	101	52	4.25	0								

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
AUGUST 1954

TABLE 2

Station	Temperature											Precipitation																	
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days								
										Max.	Min.	30" or Above	32" or Below					34" or Below	36" or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
WESTERN DIVISION																													
BEAVER OAM	90.7	66.6	78.7	2.1	98	14	50	11	0	21	0	0	0	4.30	1.20	1.31	1	.0	0		7	4	1						
FOROS FERRY OAM 50	91.5	69.6	80.6		103	18	59	31	0	20	0	0	0	4.43	1.74	1.29	20	.0	0		8	4	1						
GOLDEN POND 8 N	94.9	66.9	80.9		104	16	55	31	0	24	0	0	0	2.66		1.39	19	T	0		5	1	1						
GREENVILLE 2 W	91.0	66.1	78.6	2.0	99	4+	54	31	0	21	0	0	0	6.25	2.76	3.72	17	.0	0		7	2	2						
HENDERSON 4 SW	89.9	68.7	79.3	.9	99	18+	56	31	1	19	0	0	0	4.65	1.57	.87	17	.0	0		11	4	0						
HICKMAN 1 E	95.5	67.4	81.5		105	18+	54	31		25	0	0	0	2.54		1.90	20	.0	0		4	1	1						
HOPKINSVILLE	93.6	65.5	79.6	1.5	108	17	55	31		23	0	0	0	4.31	.94	2.80	17	.0	0		6	1	1						
LOVELACEVILLE	93.5	69.1	81.3	2.7	104	16	57	31	0	21	0	0	0	2.72	-.86	1.20	20	.0	0		4	3	1						
MAISONVILLE 1 SE	92.0	67.7	79.9		100	27	56	31	0	22	0	0	0	4.92		1.86	17	.0	0		9	3	2						
MAYFIELD 2 S	94.4	69.2	81.8	3.8	104	16	56	31	0	25	0	0	0	2.81	-.67	1.77	20	.0	0		4	2	1						
MURRAY	96.5	68.9	82.7	4.7	108	16	58	31	0	26	0	0	0	2.22	-1.10	.61	20	.0	0		6	2	0						
OWENSBORO 2 W	89.5	67.6	78.6	2.5	97	26+	56	31	0	18	0	0	0	5.37	2.05	1.53	3	.0	0		9	3	2						
PAOUCAH CAA AIRPORT	92.1	71.4	81.8		103	15	58	31	0	20	0	0	0	2.41		1.71	19	.0	0		2	1	1						
PAOUCAH	94.2	70.0	82.1	2.6	103	16+	58	31		22	0	0	0	2.72	-.74	.85	20	.0	0		6	2	0						
PRINCETON	94.5	66.2	80.4	2.8	104	15+	57	31	0	23	0	0	0	2.66	-.85	.92	1	.0	0		8	1	0						
RUSSELLVILLE	93.5	65.5	79.5	2.4	105	15+	53	31	0	22	0	0	0	2.79	-.35	.64	17	.0	0		8	1	0						
DIVISION			80.5											3.61				T											
CENTRAL DIVISION																													
ANCHORAGE	86.7	65.3	76.0	1.2	96	24	54	11+	1	12	0	0	0	4.43	.79	1.12	2	.0	0		8	3	2						
BAROSTOWN S J PREP SCH	91.1M	64.8M	78.0M		99	1	54	11	0	22	0	0	0			1.43	4	.0	0										
BOWLING GREEN CAA AP	91.6	67.3	79.5	3.4	102	16	53	31	1	21	0	0	0	1.97	-2.07	.71	1	.0	0		7	1	0						
CAMPBELLVILLE	89.2	66.2	77.7		98	18+	56	11	0	17	0	0	0	5.50		1.40	28	.0	0		8	4	3						
CARROLLTON LOCK 1	88.4	65.4	76.9		97	18+	50	13	3	14	0	0	0	3.83	.33	1.05	2	.0	0		6	3	1						
CLERMONT 1 SSE	91.8M	62.9M	77.4M		99	17	52	11+	1	21	0	0	0	5.32		1.66	4	.0	0		9	3	1						
COVINGTON W 8 AIRPORT	84.6	64.3	74.5	1.0	93	16+	52	12+	2	9	0	0	0	6.10	2.76	1.46	2	.0	0		11	5	1						
OANVILLE	88.6	64.2	76.4	1.7	98	19	54	13+		14	0	0	0	5.05	1.46	1.31	4	T	0		11	4	1						
OIX OAM	89.4	66.0	77.7		97	18+	55	12+	0	19	0	0	0	3.98		.80	4	.0	0		8	4	0						
FRANKFORT LOCK 4	89.9	64.4	77.2	1.6	100	1	52	13+		17	0	0	0	2.75	-.77	.74	3	.0	0		8	1	0						
GLASGOW WKAY	89.8	66.5	78.2		98	16+	55	10	0	19	0	0	0	4.23		1.42	21	.0	0		6	3	2						
GREENSBURG	90.6	65.4	78.0	2.3	101	17	55	11		20	0	0	0	4.06	-.03	1.15	3	.0	0		7	4	2						
IRVINGTON	89.7	67.2	78.5	2.3	101	27	54	31	0	17	0	0	0	3.25	-.03	1.03	4	.0	0		8	2	1						
LEITCHFIELD	88.3	67.2	77.8	1.8	97	18+	56	31	1	15	0	0	0	4.48	.89	1.56	3	.0	0		9	3	1						
LEXINGTON W8 AIRPORT	R 86.6	66.2	76.4	2.0	97	24	55	12+	0	9	0	0	0	3.29	-.08	1.07	2	T	0		6	2	1						
LOUISVILLE W8 AP	R 88.3	67.3	77.8	1.7	98	18	57	31	0	15	0	0	0	4.51	1.45	1.78	2	.0	0		9	2	2						
LOUISVILLE W8 CITY	R 86.5	69.2	77.9	1.0	97	18	59	31	0	12	0	0	0	5.26	1.95	1.52	26	T	0		7	3	3						
MAMMOTH CAVE PARK	91.3	64.9	78.1	2.0	100	27	54	11+	0	21	0	0	0	3.64	-.80	.90	12	.0	0		7	3	0						
ST JOHN BETHLEHEM ACAO	88.4	64.7	76.6	1.4	98	19+	54	11		15	0	0	0	6.48	2.80			.0	0										
SCOTTSVILLE	92.6	67.9	80.3		102	16	55	31	0	23	0	0	0	1.84		.67	17	.0	0		5	1	0						
SHELBYVILLE 2 W	89.0	66.2	77.6	2.2	99	24	55	13+	0	16	0	0	0	5.11	1.59	1.62	.3	.0	0		9	3	2						
SOMERSET 1 N	87.9	64.5	76.2		97	16+	55	11+	1	12	0	0	0	4.10		1.05	28	.0	0		7	5	1						
SUMMER SHAOE	91.4	65.5	78.5		100	16+	50	31	1	20	0	0	0	1.98		.43	2	.0	0		6	0	0						
WILLIAMSTOWN	86.6	64.3	75.5	.5	100	1	53	12		11	0	0	0	6.57	2.86	1.70	27	.0	0		8	6	2						
WOLF CREEK OAM	90.6	63.3	77.0		101	19	53	31		18	0	0	0	3.84		.99	3	.0	0		7	4	0						
DIVISION			77.4											4.23				T											
EASTERN DIVISION																													
ASHLAND OAM 29	86.3	65.4	75.9	.3	95	16	52	12	0	10	0	0	0	6.38	2.71	2.53	3	.0	0		7	4	1						
BARBOURVILLE	92.1M	60.5M	76.3M		102	16	48	12+	0	25	0	0	0	2.08		.46	4	.0	0		7	0	0						
BAXTER	85.7	63.6	74.7		94	17	55	12+		7	0	0	0	4.70		1.15	4	.0	0		12	3	1						
BENHAM	89.2	61.4	75.3		97	28	51	11		14	0	0	0	3.72		.95	20	.5	0		7	3	0						
BEREA COLLEGE	87.5	64.6	76.1	1.1	96	18	51	13	3	12	0	0	0	7.98	3.81	2.62	20	T	0		6	6	4						
CORBIN CAA AIRPORT	87.6	62.8	75.2		100	16	49	31	5	12	0	0	0	2.88		.97	19	.0	0		8	1	0						
CYNTHIANA 2	87.6	63.5	75.6		100	1	47	13		12	0	0	0	5.04		.95	2	.0	0		10	4	0						
OWEY OAM	87.7	64.1	75.9		97	1+	53	13		11	0	0	0	6.34		1.23	2+	.0	0		10	4	3						
FARMERS	89.1M	63.0	76.1M	2.1	97	16+	49	13	1	15	0	0	0	5.88	1.42	1.90	9	.0	0		12	4	1						
GRAYSON	85.4	61.7	73.6		97	16+	49	12+	7	8	0	0	0	7.14		1.59	9	T	0		9	7	1						
HEIOELBERG LOCK 14	89.0	63.6	76.3	1.2	97	18	52	13	0	16	0	0	0	4.01	-.30	.70	27	.0	0		9	3	0						
HINDMAN SETTLEMENT SCH	87.9	62.2	75.1		98	17	51	13		10	0	0	0	2.97		.74	3	.0	0		12	1	0						
INEZ	87.5	62.0	74.8		98	1+	50	13	1	12	0	0	0	6.62		1.37	17	.0	0		11	6	2						
MANCHESTER 4 SE	88.7	62.6	75.7		99	16	52	12	1	14	0	0	0	3.00		.54	4	.0	0		8	1	0						
MAYSVILLE OAM 33	84.6	63.5	74.1	-1.3	98	17	51	12+		7	0	0	0	6.72	2.71	1.51	20+	.0	0		10	3	3						
MIOOLESBORO	90.6	63.8	77.2	2.7	98	16	50	31	0	18	0	0	0	3.54	-.63	1.04	6	.0	0		8	2	1						
MOUNT STERLING	87.6	63.9	75.8	1.0	98	16+	51	13	3	11	0	0	0	4.28	-.22	1.47	2	.0	0		6	4	1						
PIKEVILLE	89.0	66.9	78.0	1.0	100	16	56	13	0	15	0	0	0	3.83	-.36	.82	17	.0	0		9	4	0						
RICHMONO	88.2M	65.7M	77.0M	1.2	98	19	52	13		10	0	0	0	3.81	-.05	1.27	9	.0	0		5	3	2						
VANCEBURG OAM 32	84.9	61.9	73.4		96	18	49	13	7	7	0	0	0	4.97	.95	1.02	3	.0	0		9	5	1						
WEST LIBERTY WATER WKS	88.5M	56.7M	72.6M		95	23+	50	12+		0	0	0	0	6.27		1.85	2	.0	0		8	4	3						
WILLIAMSBURG	91.0	64.3	77.7	1.5	100	16	50	31	0	19	0	0	0	3.32	-1.40	.67	17	.0	0		10	3	0						
DIVISION			75.6																										



# DAILY PRECIPITATION

KENTUCKY  
AUGUST 1954

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADDISON OAH 45	2.81	.04	.32	1.50		.55				T				.20				.72			.10			T					.15	.05	T			
ADOLPHUS 1 N	1.94			.27			.25						T		.10											.50								
ALBANY	2.09		.18	.18										.41		.14		.10											.12	.13	.11			
ALLEN	6.33		.80	.60		1.06				1.20			.05	.03			.20		.88		.30	.20							.30	.13	.11			
ANCHORAGE	4.43	.27	1.12	.11	1.05	.03			.04	.03					.05	.06	.41		.04							.26			.61		.33			
ASHCAMP	4.45			.90	T	.10	.36			.07								.35	1.60				.95						.07	.05				
ASHLAND OAH 29	6.38		.36	2.53	.26	.06	.80	.01		.01	.01					T		.06	.33	.01	T	.94							.16	.18	.05			
BARBOURVILLE	2.08		.01	.17	.46								.05					.45		.10	.05			.45					.95	.18				
BARSTOWN 5 J PREP SCH	-	.36	.80	.13	1.43	.05												.13	.02			1.20								-				
BARTER	4.70		.10	.47	1.15	.12	.40			.05								.52	.07	.15	.32	.70		.25					.30	.10				
BEAVER OAH	4.30	1.31	.45	.15			.08						.53					.91	.51	.02	.19			T				.09	.06					
BENHAM	3.72		.17	.32		.04	.29	.90										T	.03		.06	.95	.06	.01	.01	.24			.03	.02	.67	.03	.04	T
BERRA COLLEGE	7.98	T	1.21	1.00	.84				1.48			.52				T	.09			.02	2.62							.03	.02	.67				
BERRA WATER WORKS	8.48		.22	1.33	1.86	.21			1.68								.06				.08	1.58	.02						.02	1.40	.03	.01		
BOWLING GREEN	3.22		.07	.27	T		.17						.03	.27				.07	.25			.82				1.27								
BOWLING GREEN SUBSTA	4.44		.05	.56			.29							.02	.12			.06	.28			1.82		.04			1.08			.40	.12			
BOWLING GREEN CAA AP	1.97	.71	.16	.04	T	.13	.01					.52	.02					.25		.21	.02	T				.28				.02	.14	T		
BRENT OAH 36	6.06		.18	1.42	.07	.10	.03											.08	.02	.06	1.48	.01								.16	1.40			
BROWNSVILLE LOCK 6	5.33		.07	.95			.19						.14	.95			.35	.02	.08	.02		1.45								.40	.14			
BURDINE 2 NE	2.62				.60	T	.20	.45		.05					.14	.95			.18	.17	1.65			.25	.03					.45	.10			
BURKESVILLE	2.48		.28	.64	.02	.05				.14	T		.02	.39	T	.03		.02	.09	.31	T								.14	.15	.20	T		
CAO12 LOCK E	2.59	.41	.04	.11	.21	.18												.31	.08		.90											.57		
CAMPBELLVILLE	5.50	.83	1.13	.11	.21					T				.14	.22	.02	T		.09		1.23	.07		.03					.02	.32	1.40			
CARROLLTON LOCK 1	3.83		1.05	.93	.30	.02	T			T							.07	T	T		.05	.45							.03	.32	.61			
CLERMONT 1 SSE	5.32	.87	.96	.34	1.66	.26				T	T				.08	T	.24			T		.05						T	.32	.10		.44		
COLLEGE HILL LOCK 11	3.75			.18	.31	.24	.27			.77	.03	.05									.54			.11	.05				1.05	.15				
COLUMBIA	3.09		.65	.58	.10												.35				.36	T								.45	.10			
CORBIN CAA AIRPORT	2.88	.01	.20	.08	.37	T				.02	.06						.46		.18		.97	.27		T	.22				.11	.22				
COVINGTON W 8 AIRPORT	6.10	.27	1.46	.02	.28	.07			.41	T	.02				.16	.13	.09	.02	.55		.90	.61					T	.54				.01		
CUMBERLAND FALLS ST PK	3.42		.10	.37	.40								.31	.04					.13		.23	.21							.58	.65				
CYNTHIANA	5.22	T	1.02	.81	.16	.15	.62			.34	.04					.01		.21	T		.69	.42	.04					T	.18	.51	.02			
CYNTHIANA 2	5.04	.05	.95	.90	.31	.67				.37						.04	.10		.58			.43	.04						.05	.10	.45			
DANVILLE	5.05		.10	.60	1.31	.56				.89						.11	.22		T			.21	.05	.23					.24	.42	.07	.04		
DELMPIA 1 E	2.42			.97		.08	.20	.38																										
DEMA	5.47	1.15		.22		.81				.28								2.79			.12													
DEWEY OAH	6.34	1.23	.32	.41	.05	.45				1.23	.23							1.13		.45	.03	.02							.64	.02	.13			
DIX OAH	3.98		.40	.75	.80	.18	T			.70											.52	.11												
DOONEE BARRETT'S FORO BR	3.46	.11	.63	1.00									.25	.48				.18	.68											.03	T			
DOUHOH	6.27	.08	.12	.18		.83							.02					3.85	.20		.12								.55					
DUNNVILLE	5.05		.44	1.10	.25					.30											.54			1.42	.32							1.00		
EDDYVILLE LOCK F	1.88	.11	.09	.11		.64								.09				.06	.11		.30										.30	.07		
EDMONTON	2.15		.62	.60															.16															
ELKHORN CITY	3.75	.23	.50	T	T	T	1.20											.67	T			.54							.36	T		.25		
FALMOUTH	6.71	.81	.86	.26	.14	.09				.28	T					.14			.25		1.15	1.57	.02						.71	.39	.04			
FARMERS	5.88		.52	.78	.15	.10	.15			1.90	.15					.05	.10	.07	.29	.01										.41	.72	.43		
FLEHINGSBURG	4.56		.86	.78	.22	.11	.07			.54	.02	T				.23		.22	.19	.26	.38								.01	.01				
FORO LOCK 10	4.46		.31	.93	.30	.31	.20			.43	.04	.01	T			.07	.02		.03		1.04	.01							.32	T	.15	T		
FOROS FERRY OAH 50	4.43	.70	.19	.05		.83							.04	.19	.01				T			.129	.13							.02	.14	.84	T	
FRANKFORT LOCK 4	2.75		.12	.74	.36	.38				.02						.14													.12	.42				
FRANKLIN WATER WORKS	3.08					.63												.33								2.12								
FREEBURN	-	-	-	-	-	-	-	-	-	-	-	-	.10			.14						.11												
FRENCHBURG	5.37		.41	.91	.15	.25				.60	.01							.01			.20	.01							.37	1.95	.45			
GEORGETOWN WATER WORKS	3.62		.95	1.24	.46	.06				.19								.01			.15	T		.05					.14	.36				
GEST LOCK 3	3.98		.54	1.30	.09	.26				.06																								

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
AUGUST 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE	2.79	.38	.21	.06			.17							.33			.64	.34		.12							.46	.08					
RUSSELLVILLE SUBSTA	2.51		.32	.27			.16										1.10			.26							.40						
ST JOHN BETHLEHEM ACO	6.48		.36	1.39	.60	T							*	2.04	.11	T	.05	T		1.10	T	.40	.05					.19	1.26	.03			
SALVISA LOCK 6	4.01		.44	1.41	1.06	.24	T				.50				.03	.06	T		.01	T	.16	.04	T					T	T	.06			
SALYERSVILLE 2	4.26	.38	.56		.16	.27					1.16	.18						.35	.36		.29	.04						.27	.09	.15			
SCOTTSVILLE	1.84		.38				.09							.22				.67		.18				.28									
SEBREE	2.80	T	.29	.68	T						T			.33	.20		.05	T	.60	.04	.15		.09	T					.21	.14	.02		
SHAWNEE STEAM PLANT	2.97	1.05	.95																.03	.61											.33		
SHELBYVILLE 2 W	5.11		.15	1.62	1.36	.34	.22				.05				.10	.20			.05	.02									.59	.39	.02		
SHEPHERSVILLE	4.92		.46	1.60	1.15	.05	.23				.04				.02	.09	.11	.25	.02	.07		.05	.03						.28		.47		
SOMERSET 1 N	4.10			.64	.75				.07					.06	.01			.12		.12	.77	.02							.50	1.05	.01	.10	
SPRINGFIELD	4.73		T	.77	1.37	.04				.21				.36		.12		.52	.04	.35	T	.20	1.55						.07	.40		T	
STEARNS	3.32				.19	T		.29																		.12							.07
SUMMER SHADE	1.98	.05	.43	.07	.03	.03							.33		.29			.22		.11	.05	.01	.30			T		.40		.35			
SUMMER SHADE SUBSTA	1.54		.22	.31	T	T	.04						T				.05	.16			.05			.07									
TAYLORSVILLE	4.61		.56	1.46	1.22	.02	T				.39	.01				.32		.10	.20		.10							.37	.15		.03		
TOMPKINSVILLE 2	1.77		.15	.57											.32				.08					.30				.35		.33			
TURKEY CREEK SCHOOL	1.67	.20	.06			.12									.04			.29	.08		.49	.06										.33	
TYRONE LOCK 5	3.94		.70	1.36	.75	.32	T				.68	T		.03	.41		.19	T	.06	.04	T								.03	T	T		
UNIONTOWN DAM 49	3.64	.70	.46	.49	.08		.04	T	.25					.19	T	.05	.04	.01	.01		.28	.06	.14							.27	.05	.03	
VALLEY VIEW LOCK 9	4.29		.14	.55	1.04	.08	.03				.60	T				T	.34	T	T		.65	.01	T						.85	T			
VANSBUREN	5.03		.18	1.80	1.37		.05				.60					.14	.12	T	T	T						.05	.95	.12	.25				
VANCEBURG DAM 32	4.97		.50	1.02	T	.08	.10				.60	.05					.05	T	.40	.09	.23	.75	.05						.91	T	.14		
WAYNESBURG 6 E	4.29		.53	.99	.92	.14					.47			.03	.03			.16	.11	.27	.03				.24				.10	.07	.16	.04	
WEST LIBERTY WATER WKS	6.27		1.85	1.05	.16	.24					.79																.24		1.55	.25	.38		
WESTPORT	5.26	1.14	1.06	.90	T	.18	T	T	T								.38	T		.44									.78		.38		
WILLIAMSBURG	3.32		.22	.54	.66	.09	.40										.10	.67			.10	.10					.19		.25				
WILLIAMSTOWN	6.57		.70	1.40	.24						.70									.59	.79								1.70	.45			
WILLOW LOCK 13	4.14		.06	.37	.65	.50	.25				.46		.03								.87	.15						.18	.38	.05	.19		
WOLF CREEK DAM	3.84		.08	.99		.60								.80		.52		.26	.02					.24	.03				.03	.09	.18		
WOODBURY LOCK 4	3.47	.05	.76	.89		.56							.05	.17				.20	.19		.48			.12									

# DAILY TEMPERATURES

KENTUCKY  
AUGUST 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	89	79	88	88	90	89	85	87	79	86	76	72	76	92	85	92	82	95	90	84	86	93	95	96	95	95	92	88	90	80	75	86.7
	MIN	69	67	62	66	74	63	59	59	64	59	54	55	54	66	69	67	71	70	73	69	66	67	69	67	68	72	69	69	67	65	54	65.3
ASHLAND OAM 29	MAX	88	81	86	80	87	80	89	85	80	86	80	77	82	78	94	95	82	87	83	90	86	90	93	94	91	93	82	87	87	91	82	86.3
	MIN	66	65	65	67	68	63	60	60	69	62	56	52	53	59	66	65	68	71	73	69	67	67	72	71	70	71	68	71	69	67	58	65.4
BARBOURVILLE	MAX	98	89	90	91	95	92	90	91	85	90	88	82	87	95		102	92	98	94	90	95	92	94	95	97	96	95	92	92	90	86	92.1
	MIN	60	60	60	60	65	70	55	56	59	50	50	48	48	50		60	66	65	68	66	64	65	65	67	66	65	65	69	67	57	48	60.5
BARSTOWN S J PREP SCH	MAX	99	82	90	89	90	90	85	92	93	88	88	76	76	94	96	95	95	98	98	90	89	94	95	96	95	95					91.1	
	MIN	69	67	59	66	67	64	58	64	60	56	54	56	55	65	68	66	72	67	73	73	67	67	70	68	67	68					64.8	
BAXTER	MAX	92	89	81	84	85	88	82	84	85	82	85	77	72	83	82	92	94	80	86	85	83	89	87	87	92	92	90	91	85	87	85	85.7
	MIN	66	66	64	65	65	64	58	57	59	64	58	55	56	60	62	63	65	67	66	67	66	67	67	67	67	68	67	67	68	64	55	63.6
BEAVER OAM	MAX	89	84	92	95	93	89	83	93	80	91	86	74	84	98	93	97	91	97	93	87	90	95	95	96	95	96	97	91	95	92	80	90.7
	MIN	72	68	61	70	76	70	59	60	68	57	50	59	60	68	67	70	68	69	71	67	68	68	69	69	67	74	70	71	73	72	54	66.6
BENHAM	MAX	95	89	85	87	88	89	88	86	90	84	87	77	75	85	93	95	96	85	86	90	91	90	91	88	95	96	96	97	96	89	86	89.2
	MIN	65	66	63	60	64	62	55	58	60	58	51	52	52	56	61	65	66	64	66	65	61	63	63	65	64	62	68	65	70	58	54	61.4
BEREA COLLEGE	MAX	91	85	85	89	89	84	85	88	84	83	80	73	82	88	90	95	90	96	91	86	87	93	93	93	93	94	93	86	87	84	75	87.5
	MIN	71	66	63	66	67	63	57	59	67	60	56	53	51	63	69	68	67	68	68	69	69	69	69	69	69	69	67	67	65	63	53	64.6
BOWLING GREEN CAA AP	MAX	88	84	94	97	94	87	85	95	80	93	83	67	86	101	96	102	90	101	93	90	89	97	98	98	98	96	100	92	95	91	79	91.6
	MIN	72	69	64	73	72	66	60	62	62	59	60	60	62	68	73	71	72	71	71	70	70	70	70	70	70	70	71	72	69	65	53	67.3
CAMPBELLSVILLE	MAX	96	80	89	90	91	86	85	92	80	89	80	72	83	93	89	92	92	98	93	88	92	95	94	94	94	95	98	88	91	82	78	89.2
	MIN	66	69	61	67	75	67	59	64	62	58	56	58	59	67	68	69	71	70	67	67	69	70	71	69	69	69	70	68	68	67	63	66.2
CARROLLTON LOCK 1	MAX	94	80	87	88	89	86	85	84	81	87	81	74	78	90	92	95	93	97	95	84	83	93	96	97	97	96	95	90	89	86	78	88.4
	MIN	68	67	64	67	77	62	60	58	65	60	53	51	50	64	71	68	70	70	73	68	66	64	69	69	70	70	69	70	69	69	56	65.4
CLERMONT 1 SSE	MAX	98	81	90	92	92	89	84	92	90	89	85	74	81	96	95	95	99	98	90		89	97	98	98	97	96	98	92	94	93		91.8
	MIN	65	66	58	65	73	62	54	56	65	55	52	54	52	64	64	70	67	69	65		66	64	68	65	64	66	66	66	64	60		62.9
CORBIN CAA AIRPORT	MAX	91	88	87	89	92	82	84	88	81	87	80	72	82	95	96	100	84	97	85	85	89	91	90	92	92	92	95	84	86	85	75	87.6
	MIN	69	67	61	66	68	60	54	59	62	58	52	53	54	61	66	65	69	66	67	66	65	66	68	66	66	66	66	69	66	57	49	62.8
COVINGTON W 8 AIRPORT	MAX	87	79	85	85	85	82	86	82	78	81	73	77	84	85	91	93	75	90	88	76	84	92	93	93	93	90	84	87	91	79	75	84.6
	MIN	65	64	63	66	64	60	59	64	64	61	55	52	52	64	70	71	68	67	72	66	62	63	72	71	71	69	69	70	66	61	53	64.3
CYNTHIANA 2	MAX	100	86	84	87	89	89	83	85	85	80	85	77	74	84	86	90	95	89	95	88	83	85	92	91	95	95	92	90	90	91	81	87.6
	MIN	68	65	62	67	70	60	56	65	67	58	52	50	47	59	67	66	67	68	71	68	64	64	68	64	68	67	69	68	67	64	53	63.5
OANVILLE	MAX	97	90	82	87	89	91	84	84	88	76	89	77	72	78	92	98	97	87	98	90	86	87	94	95	96	94	96	86	89	91	86	88.6
	MIN	70	68	62	63	65	63	57	58	59	60	55	55	54	55	69	70	72	68	69	67	67	67	69	69	68	69	68	66	66	68	54	64.2
DEWEY OAM	MAX	97	94	84	87	86	89	81	87	86	81	82	77	74	83	82	90	97	87	89	88	83	87	92	94	95	94	94	94	88	83		87.7
	MIN	76	67	65	65	66	64	58	57	56	64	57	54	53	54	61	64	65	68	69	69	69	67	67	68	68	68	69	71	67	67		66.1
DIX OAM	MAX	93	84	88	90	90	89	84	90	85	86	84	75	78	92	92	96	93	97	97	86	85	94	94	95	94	95	96	94	90	90	76	89.4
	MIN	70	67	62	65	73	64	59	61	67	62	58	55	55	66	70	69	72	68	75	65	67	68	72	69	69	70	69	69	67	67	55	66.0
FARMERS	MAX				88	88	89	89	85	89	85	85	77	86	84	90	97	92	95	93	90	85	94	95	97	96	93	92	90	90	89	78	89.1
	MIN	64	60	60	67	69	62	56	54	68	60	53	50	49	59	65	64	67	70	70	67	66	64	67	68	66	67	68	69	66	65	52	63.0
FOROS FERRY OAM 50	MAX	92	86	95	100	95	85	82	90	83	91	85	73	84	99	100	99	97	103	96	89	88	91	95	96	97	98	99	90	93	88	77	91.5
	MIN	66	69	69	74	78	70	64	66	66	65	62	61	62	71	76	76	74	76	75	67	68	71	72	72	73	73	70	70	72	72	59	69.6
FRANKFORT LOCK 4	MAX	100	87	81	90	90	90	86	85	89	83	89	79	76	80	92	90	95	86	98	92	86	86	95	98	99	98	97	97	93	93	86	89.9
	MIN	68	66	63	63	68	64	59	58	58	60	55	54	52	52	65	68	67	70	70	69	68	67	67	70	70	70	70	71	69	69	56	64.4
GLASGOW WKAY	MAX	92	83	91	94	91	87	84	93	85	90	84	74	86	97	90	98	89	98	91	89	90	95	94	94	94</							



# DAILY TEMPERATURES

KENTUCKY  
AUGUST 1954

Table 5 - Continued

Station		Day Of Month																																Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
HAMMOTH CAVE PARK	MAX	92	85	92	94	93	88	85	95	89	91	85	74	84	98	92	99	91	99	90	89	92	96	95	96	95	97	100	92	94	88	79	91.3	
	MIN	69	67	60	68	74	68	55	58	67	55	54	58	58	65	70	69	69	69	70	67	66	67	68	66	66	67	67	70	66	66	54	64.9	
MANCHESTER 4 SE	MAX	90	85	88	90	92	89	84	89	84	87	79	75	85	90	95	99	85	94	87	86	90	91	94	95	95	96	95	86	89	88	78	88.7	
	MIN	64	66	64	64	63	63	56	55	71	61	56	52	53	58	62	63	63	63	69	65	64	65	67	66	64	65	65	69	68	63	53	62.6	
MAYFIELD 2 S	MAX	91	86	92	98	96	90	85	91	88	96	91	81	95	100	103	104	100	102	102	88	91	95	95	95	96	99	98	98	99	96	84	94.4	
	MIN	66	68	67	71	74	71	67	67	63	63	64	62	63	71	72	74	77	76	75	66	71	71	71	73	72	73	71	74	69	68	56	69.2	
MAYSVILLE OAM 33	MAX	97	84	82	86	79	88	80	82	84	79	82	72	74	80	82	90	98	79	91	88	79	82	89	91	92	93	87	83	85	87	77	84.6	
	MIN	68	63	65	67	68	63	60	60	61	60	54	51	51	53	63	66	67	68	69	69	63	63	65	68	68	69	68	68	69	65	55	63.5	
MIDDOLESBORO	MAX	94	90	90	86	93	89	88	89	86	88	87	80	83	90	96	98	92	94	89	88	93	94	93	96	94	95	97	94	91	89	84	90.6	
	MIN	65	67	63	65	65	69	56	60	70	61	55	54	60	62	66	65	67	66	69	67	65	64	67	66	65	66	67	69	66	61	50	63.8	
MOUNT STERLING	MAX	91	86	92	87	88	83	89	85	82	86	79	73	85	83	90	98	88	94	91	84	87	96	97	98	95	95	95	87	84	83	76	87.6	
	MIN	67	64	61	64	70	61	57	58	64	59	55	52	51	62	69	68	69	68	74	66	67	66	68	69	68	68	67	67	64	65	52	63.9	
MURRAY	MAX	89	93	97	102	100	90	87	95	87	97	91	80	95	103	105	108	100	103	103	93	94	97	98	99	100	103	103	100	100	94	84	96.5	
	MIN	66	69	68	71	75	73	67	66	67	60	62	64	65	69	71	71	73	75	73	69	71	70	70	72	70	70	71	72	69	70	58	68.9	
OWENSBORO 2 W	MAX	84	86	91	94	91	87	84	89	83	89	85	71	81	96	93	95	91	96	90	88	90	95	95	91	94	97	97	90	95	85	80	89.5	
	MIN	68	68	63	71	71	69	63	63	67	61	59	60	62	67	71	69	71	69	71	68	69	70	71	70	69	72	72	71	71	72	56	67.6	
PADUCAH CAA AIRPORT	MAX	84	87	94	99	96	78	85	89	85	94	84	70	93	101	103	102	101	102	97	86	93	93	93	94	96	98	98	96	98	87	79	92.1	
	MIN	69	72	71	73	75	73	67	68	68	66	65	65	65	75	77	80	80	80	69	70	72	73	73	73	75	75	76	75	70	66	58	71.4	
PADUCAH	MAX	97	85	89	97	100	97	88	86	92	85	95	85	70	93	101	103	103	101	103	98	87	94	93	97	97	97	101	101	96	100	89	94.2	
	MIN	67	68	70	73	74	73	69	68	69	63	65	65	63	66	67	65	66	71	70	67	71	71	72	72	71	71	73	72	70	69	58	70.0	
PIKEVILLE	MAX	92	87	88	87	92	84	85	87	83	85	80	78	88	86	94	100	90	91	91	88	90	96	96	96	97	93	98	85	92	86	74	89.0	
	MIN	70	68	67	69	68	67	61	60	68	66	63	57	56	59	66	68	68	71	71	71	70	68	69	73	72	71	71	71	71	68	57	66.9	
PRINCETON	MAX	90	88	95	100	97	86	82	95	85	95	86	76	88	102	104	103	101	104	104	90	90	99	99	99	100	99	103	93	97	91	87	94.5	
	MIN	64	68	65	67	70	71	62	62	66	58	59	61	63	66	67	65	66	71	70	67	71	68	68	69	68	65	69	70	69	69	57	66.2	
RICHMOND	MAX	96	89	83	83	89	88	87	87	85	77	75	88	75	80	88	90	97	88	98	89	87	87	93	94	95	94	96	96	88	87	85	88.2	
	MIN	71	68	64	66	67	64	57	67	60	55	53	52	62	72	69	71	67	78	78	68	70	71	71	72	72	71	73	72	70	69	58	65.7	
RUSSELLVILLE	MAX	88	85	94	99	95	86	86	97	87	95	88	75	90	102	105	105	91	100	98	89	93	98	98	99	95	100	100	91	97	90	81	93.5	
	MIN	67	67	62	70	72	69	58	60	63	55	56	60	61	65	70	69	68	71	70	65	67	66	66	67	67	69	69	70	67	70	53	65.5	
ST JOHN BETHLEHEM ACAD	MAX	97	86	80	80	90	89	83	80	92	78	88	77	67	81	96	85	97	88	98	91	89	94	94	96	95	95	96	98	86	91	84	88.4	
	MIN	72	68	60	64	61	61	60	61	67	56	54	59	58	61	69	62	74	72	70	67	67	67	68	61	62	68	75	71	70	69	53	64.7	
SCOTTSVILLE	MAX	90	86	94	98	94	91	86	97	88	94	85	75	89	99	99	102	91	99	90	89	91	94	99	95	96	97	100	98	94	90	82	92.6	
	MIN	72	69	65	72	74	71	59	64	69	58	58	61	61	68	72	71	71	73	75	67	67	72	71	70	70	69	73	71	67	69	55	67.9	
SHELBYVILLE 2 W	MAX	92	80	88	90	90	85	86	90	86	86	79	74	78	92	89	94	89	98	93	89	91	97	98	99	92	96	93	89	93	86	76	89.0	
	MIN	69	67	62	66	73	64	61	62	65	61	57	56	55	67	70	68	72	70	73	69	67	67	72	68	69	71	70	69	69	68	55	66.2	
SOMERSET 1 N	MAX	90	89	88	89	91	82	87	88	80	87	79	70	80	94	92	97	87	97	87	87	89	91	91	94	95	94	96	85	88	86	75	87.9	
	MIN	67	65	61	64	72	67	58	58	69	58	55	57	56	65	65	66	72	68	69	67	68	68	69	66	66	66	66	66	66	62	55	64.5	
SUMMER SHADE	MAX	85	84	93	96	94	93	88	94	92	91	83	71	86	97	95	100	89	100	94	92	87	97	97	96	97	98	100	87	92	88	77	91.4	
	MIN	70	69	64	69	68	67	58	65	60	52	55	59	61	68	72	66	70	70	72	69	67	71	71	70	67	69	69	69	66	57	50	65.5	
VANCEBURG OAM 32	MAX	91	80	85	80	81	76	86	82	80	84	76	70	83	78	90	94	80	96	87	88	89	85	93	94	94	89	85	87	88	86	75	84.9	
	MIN	64	63	62	64	67	60	57	57	61	65	50	51	49	59	64	64	64	66	64	66	60											61.9	
WEST LIBERTY WATER WKS	MAX	90	89	85	88	86	88	87	85	86	86	88	86	78	86																			
	MIN	62	59	55	56	55	57	56	55	54	51	52	50	52	50																			
WILLIAMSBURG	MAX	94	92	91	91	93	88	89	86	82	89	89	78	84	91	96	100	84	97	97	87	92	99	99	92	95	95	96	91	90	89	84	91.0	
	MIN	69	68	66	66	65	68	53	60	70	60	57	55	60	65	67	67	67	62	68	67	66	64	68	67	68	68	68	71	69	54	50	64.3	
WILLIAMSTOWN	MAX	100	85	80	87	87	86	82	85	85	80	83	74	76	82	85	90	94	83	94	90	82	84	92	92	93	95	92	85	85	91	85	86.6	
	MIN	69	64	63	63	62	61	62	61	64	60	54	53	55	58	68	70	69	66	69	67	63	65	71	70	70	69	66	65	68	67	60	64.3	
WOLF CREEK DAM	MAX	98	83	87	92	93	95	84	86	94	84	91	83	69	84	95	95	99																

## STATION INDEX

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Station	County	Index No.	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	County	Index No.	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	
ADDISON DAM 43		0031	BRICKENRIDGE	7 37 55	86 34	360	6A		CORPS OF ENGINEERS	3	C	LIBERTY		4735	CASEY	3 37 21	84 33	772	7A	PALLIA F. HANKLA	3	C
ADOLPHUS 1 N		0043	ALLEN	3 58 39	88 16	600	7A		IDELL M. DEARING	3	C	LITTLE HICKMAN LOCK 8		4823	JESSEMININE	4 37 25	84 35	360	7A	CORPS OF ENGINEERS	3	C
ALBANY		0063	CLINTON	2 36 42	85 07	930	7A		MRS. BARBARA M. COOL	3	C	LOCKPORT LOCK 2		4837	HENRY	3 38 26	84 38	403	6A	CORPS OF ENGINEERS	3	C
ALLEN		0095	FLOYD	1 37 35	82 43	630	7P		MA ANNIE AUXIER	2 3 3		LOGIC 1 3		4882	CLARK	4 37 51	84 02	-	MID	MRS. H. BURGER	3	C
ANCHORAGE		0133	JEFFERSON	7 58 16	85 33	700	7P		C. E. BARRET	2 3 3		LONDON 3 SW		4893	LAUREL	2 37 06	84 06	1217	MID	U.S. FOREST SERVICE	3	C
ASHCAMP		0246	PIKE	1 37 16	82 26	1100	8A		HARY S. RATLIFF	3	C	LOUISA		4943	LAWRENCE	1 38 07	82 37	364	8A	JULIUS H. RANKIN	3	C
ASHLAND DAM 29		0254	BOYD	7 38 27	82 36	351	6P		CORPS OF ENGINEERS	2 3 3	7	LOUISA 2		4946	LAWRENCE	1 38 07	82 37	600	6P	EDDIE E. YOUNG	3	C
BARBOURVILLE		0301	INOX	2 36 32	83 33	1000	6P		UNION COLLEGE	2 3 3	C	LOUISVILLE BOWMAN FLD		4931	JEFFERSON	7 38 13	83 40	538	MID	CORPS OF ENGINEERS	3	C
BARDSTOWN S.J. PREP SCH		0397	NELSON	8 37 48	83 28	637	6P		C. JOHNER PREP SCH	2 3 3	C	LOUISVILLE WB AP		4934	JEFFERSON	7 38 11	83 48	474	MID	U.S. WEATHER BUREAU	2 3 3	7
BART 36		0430	HARLAN	2 36 31	83 20	1184	7A		C. MOHER NOLAN	2 3 3	C	LOUISVILLE UPPER GAGE		4933	JEFFERSON	7 38 17	83 48	409	6A	CORPS OF ENGINEERS	3	C
BEAVER DAM		0490	ONIO	3 37 23	88 32	441	6P		E. G. YOUNG	2 3 3	7	LOUISVILLE WB CITY		4956	JEFFERSON	7 38 13	83 48	457	MID	U.S. WEATHER BUREAU	2 3 3	C
BELLEVILLE		0503	HARLAN	3 37 01	86 26	470	7A		C. WHITEAKER	2 3 3	7	LUCKVILLE		3002	BARREN	3 36 53	86 02	738	3	C		
BENTON		0611	MARSHALL	9 38 31	80 20	393	MID		JAMES M. MILLER	2 3 3	7	LUCAS		3067	HOPKINS	3 37 19	87 29	433	5P	TA HONER WELBORN, JR.	2 3 3	C
BEREA COLLEGE		0619	MADISON	4 37 34	84 18	1070	6P		JAMES A. GROSSMAN	2 3 3	C	MADISONVILLE 1 SE		3097	EDMONSON	3 37 11	86 06	800	3P	NATIONAL PARK SVC	3	7
BEREA WATER WORKS		0624	MADISON	4 37 34	84 18	1100	6P		MRS. L. B. GAFFARD	2 3 3	C	MAMOTH CAVE PARK		3111	CLAY	4 37 06	83 43	830	6P	NORA S. WHITE	2 3 3	C
BOWLING GREEN		0904	WARREN	3 37 00	86 26	536	7A		JAMES R. EDWARDS	2 3 3	7	MANCHESTER 4 SE		3230	GRAVES	3 38 44	88 39	364	6P	BLAINE MALONE	2 3 3	C
BOWLING GREEN SUBSTA		0907	WARREN	3 37 01	86 26	470	7A		TV-4-839	2 3 3	7	MAYFIELD SUBSTATION		3232	GRAVES	4 36 42	86 38	384	3P	MRS. JOE PAYNE	2 3 3	C
BOWLING GREEN CAA AP		0909	WARREN	3 36 38	86 26	333	MID		CIVIL AERO. ADM.	2 3 3	7	MAYFIELD 2 S		3243	HASON	7 38 38	83 42	515	7A	CORPS OF ENGINEERS	2 3 3	7
BOWLING GREEN WTR WKS		0914	WARREN	3 37 00	86 26	503	MID		CITY BOWLING GREEN	3	C	MAYFIELD DAM 33		3291	JACKSON	3 37 11	86 06	1000	3P	NATIONAL PARK SVC	3	7
BRENT DAM 36		0916	CAMPBELL	7 38 03	84 25	497	7A		CORPS OF ENGINEERS	2 3 3	C	MC KEE		3301	PENDLETON	3 36 36	84 16	634	MID	EDWARD C. GIFFORD	2 3 3	C
BROWNVILLE LOCK 8		1046	EDMONSON	3 37 32	86 18	410	7A		STINSON SKAGGS	2 3 3	C	MIDDLEBORO RR STA		3369	BELL	2 36 37	83 43	1330	5P	TA LON L. HERRELL	2 3 3	7
BURDINE 2 NE		1120	PIKE	1 37 13	82 33	1643	8A		EDWIN E. JONNES	3	C	MIDDLEBORO RR STA		3394	BELL	2 36 37	83 43	1330	5P	MID SNEED C. PRIAR	3	C
BURKESVILLE		1137	CUMBERLAND	2 36 47	83 22	600	7A		HARVIN M. LEE	3	C	MIDWAY		3407	WOODFORD	3 38 09	84 01	930	6P	CITY OF MIDWAY	3	C
CADIZ LOCK E		1206	TRIGG	2 36 48	87 38	424	7A		CORPS OF ENGINEERS	2 3 3	C	MIDWAY		3430	BOURBON	3 38 10	84 09	-	MID	DAVID C. BAILEY	3	C
CAMPBELLVILLE		1236	TAYLOR	3 37 20	83 23	777	6P		ALVA MC KINLEY	2 3 3	C	MILLERSTOWN		3438	GRAYSON	3 37 27	86 03	580	7A	MRS. D. M. LAMLER	2 3 3	C
CARROLLS LOCK 1		1345	CARROLL	4 36 41	83 11	480	6P		CORPS OF ENGINEERS	2 3 3	C	MONTICELLO		3333	WAYNE	2 36 30	84 50	960	3	C		
CENTRAL CITY		1439	MUNLENBERG	3 37 17	87 07	433	MID		JAMES F. RICE	2 3 3	C	MOREHEAD STATE COLLEGE		3333	WAYNE	3 38 11	83 26	770	MID	N. C. HAGAN	2 3 3	C
CLEMMONT 1 SE		1811	BULLITT	3 37 33	83 43	474	3P		BERNHEIM FOUNDATION	2 3 3	C	MURFORDVILLE		3438	GRAYSON	3 37 27	86 03	580	7A	MURRAY WATER SYSTEM	2 3 3	7
COLUMBIA		1868	CLICKMAN	3 37 03	89 20	1020	7A		CORPS OF ENGINEERS	3	C	MURFORDVILLE		3438	GRAYSON	3 37 27	86 03	580	7A	MURRAY WATER SYSTEM	2 3 3	7
COLLEGE HILL LOCK 11		1704	ESTILL	4 37 47	84 08	611	7A		CORPS OF ENGINEERS	3	C	MURFORDVILLE		3438	GRAYSON	3 37 27	86 03	580	7A	MURRAY WATER SYSTEM	2 3 3	7
COLUMBIA		1722	ADAIR	3 37 06	85 18	729	7A		MRS. NAEL B. PICKETT	2 3 3	7	MURRAY		3438	GRAYSON	3 37 27	86 03	580	7A	MURRAY WATER SYSTEM	2 3 3	7
CORBIN CAA AIRPORT		1801	WHITLEY	2 36 38	84 08	1173	MID		CIVIL AERO. ADM.	2 3 3	7	OLIVE HILL		6012	CARTER	7 38 10	83 11	732	6P	ERIE SCHOOL	3	C
COVINGTON WB AIRPORT		1855	BOONE	7 59 04	84 40	868	MID		U.S. WEATHER BUREAU	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
CUMBERLAND FALLS ST PK		1904	WILEY	3 37 34	84 19	1020	7A		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
CYNTHIANA		1988	NATHANIEL	3 38 23	84 18	684	7A		MARSHALL HILL	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
CYNTHIANA 2		2000	NATHANIEL	3 38 23	84 17	719	8A		BY. CAROLINA DAIRY	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DANVILLE		2043	BOYLE	4 37 39	84 46	953	7A		R. P. COLOIRON	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DAVENPORT		2043	MARTIN	1 37 48	82 32	718	MID		BERTHA DE LONG	3	C	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DEAL 1 E		2137	PERRY	4 37 02	83 07	1647	7A		GENE T. HILTON	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DEAL 2		2139	KNOTT	1 37 23	82 48	830	5P		HATTIE B. BARNEY	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DEWEY DAM		2180	FLOYD	1 37 43	82 47	653	7A		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DIX DAM		2214	MERCER	4 37 40	84 43	917	AP		J. W. WILLIAMS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DUNDEE BARRETT'S FORD BR		2356	OHIO	3 37 33	86 43	430	7A		J. L. HUFF	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DUNMORE		2364	MERCER	3 37 34	86 43	430	7A		J. L. HUFF	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DUNNVILLE		2374	CASEY	3 37 13	84 38	-	6A		LINNIE D. TARTER	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
DYER		2391	BRICKENRIDGE	3 37 43	86 35	793	MID		LENA BLAIR	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
EDDYVILLE LOCK F		2445	LYON	2 37 03	88 05	420	7A		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
ELKHORN CITY		2458	MCALPHE	3 37 03	85 37	370	7A		JOHN E. MORAN	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
ELKHORN CITY		2458	MCALPHE	3 37 03	85 37	370	7A		JOHN E. MORAN	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FARMERS		2771	RONAM	3 38 09	83 03	360	6P		MRS. C. STAMPER	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FLEMINGSBURG		2903	FLEMING	3 38 25	83 43	870	7A		MRS. JEAN FLEMING	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FLEMINGSBURG		2903	FLEMING	3 38 25	83 43	870	7A		MRS. JEAN FLEMING	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FORD LOCK 10		2933	MADISON	4 37 33	84 13	393	6A		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FORDS FERRY DAM 30		2961	CRITTENDEN	7 37 28	86 06	336	6P		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FRANKFORD LOCK 4		3028	FRANKLIN	4 38 13	84 32	304	6A		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FRANKLIN WATER WORKS		3036	SIMPSON	3 36 43	86 34	691	7A		HERMAN O. NEAL	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
FREEBURG		3046	PIKE	1 37 17	82 08	127	6P		JOHN E. TANNER	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GEORGETOWN WATER WORKS		3032	MEHIFEE	3 37 13	83 39	930	7A		FRENCHBURG SCHOOL	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GEORGETOWN WATER WORKS		3194	SCOTT	4 38 12	84 33	880	7A		JOE W. ATKINS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GEST LOCK 3		3203	NENRY	4 38 23	84 33	490	7A		CORPS OF ENGINEERS	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GLASSBORO WRAK		3241	BARREN	3 37 00	83 33	780	7A		EMILY M. BEAN	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GLENDALE		3246	BARREN	3 37 00	83 33	780	7A		EMILY M. BEAN	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GOLDEN FORD 8 N		3293	TRIGG	2 36 54	86 00	503	4P		FISH & WILF REFUGE	2 3 3	7	OLNEY		6020	HOPKINS	7 37 14	87 30	340	MID	ART D. WILLIAMS	3	C
GRANT DAM 38		3338	BOONE	7 58 39	84 50	503	7A		CORPS OF ENGINEERS	2 3 3												

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in "F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. ---9/30/54 --- 775





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# CLIMATOLOGICAL DATA

## KENTUCKY

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SEPTEMBER 1954  
Volume XLIX No. 9



CHATTANOOGA: 1954

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## WEATHER SUMMARY

Heat, drought, and a heavy rain period were the principal features of the weather. Temperatures averaged 72.7° (2.5° above normal), and extremes ranged from 108° on the 5th at Irvington and Murray to 39° on the 23rd at Clermont 1 SSE. All stations recorded their highest temperatures during the heat wave early in the month and their lowest temperatures during the cool snap at the beginning of the fourth week. The high temperature of 108° is second only to the September record of 110° set in 1925, and average temperatures place this as the warmest September since 1941. Precipitation averaged 3.96 inches (1.05 inches above normal) and station totals ranged from 8.47 inches at Hicksville to 1.34 inches at Oneonta Dam 35. Nearly all stations recorded their greatest day's measurement of precipitation on the 20th or 21st, and in many instances this represented more than 50% of the total for the month.

The weather was quite cool on the 1st but a rapid warm up brought a heat wave that persisted from the 3rd through the 6th. Light showers occurred in scattered localities the 7th-8th and temperatures dropped to moderate levels. A dry weather cold front moved through Kentucky from west to east on the 10th, and temperatures were 5° to 8° below normal the 11th-12th but rose rapidly on the 13th, and hot weather was the prominent feature the 14th-19th with temperatures 7° to 12° above normal. Light showers developing in the extreme north portion the afternoon of the 18th intensified and spread throughout the State giving from two to over five inches of rain before clearing weather arrived the 21st. Accompanying the clearing weather was a

sharp temperature drop and readings were 6° to 10° below normal the 21st-23rd. The warm up on the 24th was also quite sharp, and unseasonable warm and fair weather characterized the remainder of the month with the exception of light to moderate showers the last day.

Dry weather and heat prior to the 19th reduced pastures to a poor state, and water supplies became critically short on many farms. Preparation of land for fall seeding of grain, perennial grasses, and alfalfa progressed satisfactorily the first week, but was largely suspended because of dry soil the second and third weeks. Tobacco harvesting was active from the beginning of the month and corn harvesting got underway about mid-month. Heavy rains the 20th seriously eroded much farm land east of Louisville. Rains of the 19th-21st relieved water shortage, improved pastures, and permitted resumption of fall seeding.

The following information was furnished by the Meteorologist in Charge, Weather Bureau Office, Louisville, Kentucky:

"Severe storms during the month of September were infrequent occurrences. On only three days were storms reported of sufficient severity to cause any appreciable damage. The three days were the 6th, 19th, and 20th. In each case the storms were of the thunder-storm variety and the cause of damage was either wind, rain, electrical, hail, or a combination of these elements. Total damage for the State as a whole for all the storms is estimated at \$116,000 to property and crop. There was one injury as a result of the storm of the 19th-20th."

Jacob T. B. Beard

# SUPPLEMENTAL DATA

KENTUCKY  
SEPTEMBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSE	16	9.8	-	-	-	75	79	41	53	5	0	3	1	0	1	10	-	4.2
LOUISVILLE WB AP	SW	15	6.3	57	NW	19	78	84	42	52	3	4	0	0	1	1	9	78	3.9

# COMPARATIVE DATA

SEPTEMBER

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1889	72.1	101	36	1.23	-		1912	71.0	103	33	2.80	0		1935	68.3	99	31	2.75	0	
1890	67.0	95	36	2.71	-		1913	69.6	106	29	2.49	0		1936	74.4	101	41	3.57	0	
1891	69.5	97	42	1.89	-		1914	67.8	97	36	2.96	0		1937	67.8	98	29	1.84	0	
1892	68.5	93	38	2.68	-		1915	70.7	99	32	3.32	0		1938	70.3	101	37	3.52	0	
1893	69.6	99	35	3.24	-		1916	67.2	98	32	3.48	0		1939	74.5	105	39	1.26	0	
1894	71.7	98	37	2.71	-		1917	67.7	98	34	2.56	0		1940	66.7	100	29	1.97	0	
1895	73.4	101	27	1.10	0		1918	62.8	92	30	2.94	0		1941	73.1	99	34	1.16	0	
1896	68.6	100	31	3.77	0		1919	71.5	102	40	1.69	0		1942	67.5	96	36	3.24	0	
1897	72.8	105	31	0.21	0		1920	70.8	96	38	3.30	0		1943	66.4	104	33	2.58	0	
1898	73.4	103	42	4.36	0		1921	75.5	99	45	5.37	0		1944	68.8	96	38	3.88	0	
1899	68.7	105	27	1.66	0		1922	72.7	103	39	2.22	0		1945	72.5	101	43	3.44	0	
1900	74.6	102	35	2.25	0		1923	69.8	94	30	2.87	0		1946	68.4	95	36	2.52	0	
1901	68.1	98	33	2.57	0		1924	65.3	97	35	4.49	0		1947	70.1	103	33	3.04	0	
1902	67.3	97	29	4.01	0		1925	77.2	110	45	2.83	0		1948	69.5	98	36	2.09	0	
1903	69.1	100	32	0.91	0		1926	73.5	98	40	3.78	0		1949	64.5	91	30	1.84	0	
1904	71.1	99	34	2.58	0		1927	72.2	103	30	2.87	0		1950	67.2	92	33	5.01	0	
1905	70.2	95	36	2.61	0		1928	65.5	99	24	0.81	0		1951	67.8	103	30	4.31	T	
1906	73.0	95	45	6.15	0		1929	69.5	97	35	4.89	0		1952	67.9	98	33	2.42	T	
1907	69.1	102	35	3.00	0		1930	72.6	101	38	2.46	0		1953	69.9	106	32	1.17	0	
1908	71.6	101	30	1.03	0		1931	75.1	103	36	2.74	0		1954	72.7	108	39	3.98	T	
1909	67.7	97	32	2.51	0		1932	69.5	103	34	3.66	0								
1910	71.8	99	38	4.41	0		1933	74.3	98	40	5.03	0								
1911	74.3	99	46	3.71	0		1934	69.2	95	39	4.82	0								

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
SEPTEMBER 1954

TABLE 2

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
										Max. Min.								Total	Max. Depth on Ground	Date	10 or More °	50 or More °	100 or More °				
										90° or Above	32° or Below	32° or Below	0° or Below														
WESTERN DIVISION																											
BEAVER DAM	88.5	57.6	73.1	1.7	104	5	43	22+	14	15	0	0	0	5.25	2.48	2.74	21	+0	0		5	3	2				
FORDS FERRY DAM 50	87.4	61.7	74.6		102	4	48	22	7	14	0	0	0	1.69	1.84	1.24	21	+0	0		2	1	1				
GOLOEN POND 8 N	89.6	56.8	73.2		107	5	41	23	15	16	0	0	0	5.34		2.61	20	+0	0		5	4	2				
GREENVILLE 2 W	87.6	57.7	72.7	1.9	102	4	42	22+	16	14	0	0	0	3.65	.67	1.53	21	+0	0		5	3	1				
HENDERSON 4 SW	88.0	59.8	73.9	2.0	104	5	43	23	11	15	0	0	0	3.45	.46	2.42	21	+0	0		3	2	1				
HICKMAN 1 E	90.5	55.9	73.2		105	6	40	23		17	0	0	0	3.85		1.95	21	+0	0		3	2	2				
HOPKINSVILLE	89.4	58.2	73.8	1.5	104	6	43	22		16	0	0	0	5.05	1.99	2.85	21	+0	0		3	3	2				
LOVELACEVILLE	88.0	58.6	73.3	1.6	104	5	44	22+	12	14	0	0	0	5.10	1.52			+0	0								
MADISONVILLE 1 SE	89.6	58.4	74.0		105	5	43	23	13	16	0	0	0	4.30		2.59	21	T	0		4	3	1				
MAYFIELD 2 S	89.2	60.8	75.0	2.9	105	5	44	22	10	16	0	0	0	6.28	3.21	2.89	20	+0	0		6	3	3				
MURRAY	91.0	58.9	75.0	3.1	108	5	43	23	11	16	0	0	0	3.78	.40	1.27	21	+0	0		6	4	1				
OWENSBORO 2 W	87.1	59.5	73.3	3.0	103	5	44	23	9	12	0	0	0	3.45	.27	2.37	21	+0	0		3	2	1				
PADUCAH CAA AIRPORT	87.6	61.0	74.3		104	5	46	23	12	12	0	0	0	4.57		3.38	20	+0	0		4	2	1				
PADUCAH	88.3	59.0	73.7	.6	105	6	45	24		15	0	0	0	3.86	.82	2.82	21	+0	0		4	2	1				
PRINCETON	89.8M	56.9	73.4M	1.9	106	5	42	22	11	17	0	0	0	3.80	.74	1.45	21	+0	0		6	4	1				
RUSSELLVILLE	89.6	56.1	72.9	1.4	107	5	41	22+	17	15	0	0	0	5.88	2.81	2.13	21	+0	0		3	3	3				
DIVISION			73.7											4.33				T									
CENTRAL DIVISION																											
ANCHORAGE	85.8	57.7	71.8	3.2	102	6	44	22+	18	10	0	0	0	6.12	3.29	4.88	20	+0	0		3	2	1				
BARDESTOWN S J PREP SCH	89.7	58.0	73.9		103	5+	42	22+	14	17	0	0	0	3.57		1.52	21	+0	0		4	2	2				
BOWLING GREEN CAA AP	89.1	59.4	74.3	3.6	104	5+	45	22	12	15	0	0	0	5.07	2.20	3.91	20	+0	0		4	3	1				
CAMPBELLVILLE	88.6	59.2	73.9		104	5	44	22+	10	17	0	0	0	3.05		1.41	21	+0	0		3	3	1				
CARROLLTON LOCK 1	86.1	57.1	71.6		103	5	42	23	21	11	0	0	0	3.78	.77	2.82	20	+0	0		3	2	1				
CLERMONT 1 SSE	90.0	54.6	72.3		105	5	39	23	19	17	0	0	0	4.15		2.13	20	+0	0		3	2	2				
COVINGTON W 8 AIRPORT	83.9	58.2	71.1	3.8	101	6	46	22+	27	9	0	0	0	2.12	.85	.86	20	T	0		4	2	0				
DANVILLE	88.1	58.1	73.1	3.6	104	6	44	23		12	0	0	0	3.32	.24	1.60	20	+0	0		3	2	2				
DIX DAM	88.9	59.5	74.2		105	5	45	22+	12	17	0	0	0	3.91		2.58	20	+0	0		2	2	2				
FRANKFORT LOCK 4	88.4	55.8	72.1	2.6	104	6+	45	23+		14	0	0	0	4.97	2.12	2.95	20	+0	0		4	2	2				
GLASGOW WKAY	87.4	59.4	73.4		103	5	43	22	13	14	0	0	0	4.55		2.03	20	+0	0		4	3	2				
GREENSBURG	88.4	57.0	72.7	2.9	105	6	42	23		16	0	0	0	3.27	.13	2.20	21	+0	0		3	2	1				
IRVINGTON	89.5	59.9	74.7	4.2	108	5	45	22+	10	16	0	0	0	3.27	.42	1.29	20	+0	0		5	2	2				
LEITCHFIELD	86.8	60.1	73.5	3.2	103	5	45	22	13	10	0	0	0	4.60	1.40	2.67	21	+0	0		4	2	2				
LEXINGTON WB AIRPORT	86.4	60.7	73.6	4.7	103	5	47	22	19	12	0	0	0	4.97	2.14	3.08	20	+0	0		5	2	1				
LOUISVILLE WB AP	87.6	60.7	74.2	4.0	104	5+	47	22+	13	14	0	0	0	5.16	2.46	3.19	20	+0	0		2	2	2				
LOUISVILLE WB CITY	86.4	64.4	75.4	4.3	103	5	53	23		5	12	0	0	5.52	2.83	2.99	20	+0	0		3	2	2				
MAMMOTH CAVE PARK	89.9	56.8	73.4	4.4	106	5	40	22+	18	18	0	0	0	4.49	.85	2.36	21	+0	0		3	2	2				
ST JOHN BETHLEHEM ACAO	86.4	58.4	72.4	2.9	103	6	46	22+		12	0	0	0	3.37	.39	2.12	21	+0	0		3	2	2				
SCOTTSVILLE	89.5	60.6	75.1		104	4+	44	23	11	16	0	0	0	4.58		2.68	20	+0	0		5	2	1				
SHELBYVILLE 2 W	88.1	59.6	73.9	4.3	106	6	46	22	9	14	0	0	0	5.36	2.68	4.00	20	+0	0		4	2	2				
SOMERSET 1 N	87.3	56.6	72.0		101	5	41	22+	18	13	0	0	0	3.55		1.24	21	+0	0		4	3	2				
SUMMER SHADE	88.3	59.7	74.0		105	6	43	22	17	14	0	0	0	3.16		1.46	20	+0	0		5	2	1				
WILLIAMSTOWN	84.4M	58.2M	71.3M	1.7	100	7	44	22		11	0	0	0	5.39	2.43			+0	0								
WOLF CREEK DAM	87.9	54.9	71.4		103	7	43	22+		15	0	0	0	3.60		1.60	21	+0	0		5	2	2				
DIVISION			73.2											4.20				T									
EASTERN DIVISION																											
ASHLAND DAM 29	85.7	59.4	72.6	2.3	100	6	46	22+	16	11	0	0	0	3.88	1.32	2.72	20	+0	0		3	2	1				
BARBOURVILLE	92.3M	52.9M	72.6M		106	5	41	23	11	20	0	0	0	2.37		1.46	20	+0	0		2	2	1				
BAXTER	84.6	54.7	69.7		99	6	43	22		10	0	0	0	2.50		1.00	21	+0	0		3	2	1				
BENHAM	87.0	54.4	70.7		102	6	41	22		13	0	0	0	3.03		2.11	20	T	0		3	2	1				
BEREA COLLEGE	86.6	58.5	72.6	2.8	102	6	42	23	15	12	0	0	0	4.83	1.91	1.68	20	+0	0		5	4	3				
CORBIN CAA AIRPORT	87.0	54.7	70.9		101	5+	40	22	31	13	0	0	0	3.29		1.98	20	+0	0		3	2	1				
CYNTHIANA 2	87.5M	55.6	71.6M		103	6+	42	23+		13	0	0	0	4.09		3.30	20	+0	0		2	2	1				
DEWEY DAM	86.5	56.0	71.3		101	7	44	22		13	0	0	0	2.39		1.50	20	+0	0		3	2	1				
FARMERS	87.4	55.5	71.5	3.2	102	5	42	22+	20	12	0	0	0	3.32	.52	1.85	20	+0	0		3	3	1				
GRAYSON	85.2	54.2	69.7		98	5	41	23+	31	10	0	0	0	4.65		3.21	20	+0	0		4	2	1				
HEIDELBERG LOCK 14	87.7	56.1	71.9	2.2	100	5	42	22	16	13	0	0	0	3.73	.66	1.85	20	+0	0		4	2	2				
HINDMAN SETTLEMENT SCH	87.3	53.6	70.5		103	6	42	22+		14	0	0	0	4.00		2.00	20	+0	0		3	2	2				
INEZ	86.3	56.1	71.2		100	5	42	22	14	13	0	0	0	4.29		2.60	20	+0	0		6	2	1				
MANCHESTER 4 SE	89.1	53.9	71.5		103	5+	42	22	16	16	0	0	0	2.54		1.21	21	+0	0		4	2	1				
MAYSVILLE DAM 33	82.6	55.4	69.0	.5	96	6	46	23+		7	0	0	0	2.60	.37	1.46	20	+0	0		4	1	1				
MIOOLESBORO	90.5	54.0	72.3	2.4	104	5	40	22	10	16	0	0	0	2.13	.48	1.82	21	+0	0		3	1	1				
MOUNT STERLING	87.9	58.4	73.2	4.4	104	5+	43	22	13	13	0	0	0	4.08	1.06			+0	0								
PIKEVILLE	89.4	59.4	74.4	3.8	103	5+	46	22	5	15	0	0	0	3.11	.23	1.72	20	+0	0		4	2	1				
RICHMONO	86.3	58.1	72.2	1.2	103	6	41	22		12	0	0	0	4.63													



KENTUCKY  
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Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON DAM 45	3.22							.52	.10											T	1.35	1.15									.10	*	
ADOLPHUS 1 N	4.25							.10													2.25	.95									.95	*	
ALBANY	2.72							.04													.11	1.02	.58	.03							.94	*	
ALLEN	3.09							.14	.11												.05	2.49	.90									*	
ANCHORAGE	6.12							.06	T										.01	.21	4.88	.89							T	.07	*		
ASHCAMP	2.05																			T	1.55	.50								T	*		
ASHLAND DAM 29	3.88			T				.46									.06		.03	.04	2.72	.57	.03									*	
BARBOURVILLE	2.37			T																1.06	.84										.04	*	
HAROSTOWN S J PREP SCH	3.09						.08	.26			.45									1.06	1.52										.17	*	
BAXTER	2.50																		T	.95	1.00	.05					T			.05	*		
BEAVER DAM	5.25						.07	.12												1.18	2.74									.91	.23	*	
BENHAM	3.03		T	.12							T									2.11	.71	.07					T			.02	*		
BEREA COLLEGE	4.83							T	1.04									.13		1.68	1.06								T	.92	*		
BEREA WATER WORKS	3.77							.85	.33								.06			1.37	.97										.19	*	
BOWLING GREEN	4.02							.03	.02											1.17	1.89	.04									.87	*	
BOWLING GREEN SUBSTA	5.17							.06	.09											.90	3.27										.85	*	
BOWLING GREEN CAA AP	5.57						.12	.03	T										T	.02	3.91	.04								.78	.67	*	
BRENT DAM 36	1.58							.02	.12											.01	1.19	.22	.02									*	
BROWNSVILLE LOCK 6	3.96							.05												.96	2.57	.03									.35	*	
BURDINE 2 NE	1.90																		1.50	.40												*	
BURKESVILLE	4.19							.84	T											1.28	1.49	.04	T								.54	*	
CADIZ LOCK E	6.05						.36	.37	T											.40	2.80										2.12	*	
CAMPBELLSVILLE	3.05							T												.77	1.41						T			.87	*		
CARROLLTON LOCK 1	3.78						.38	T										.02	T	2.82	.53						T			.03	*		
CERMDNT 1 SSE	4.15					.01														2.13	1.98						T			.02	.41	*	
COLLEGE HILL LOCK 11	4.70							.78	.40											2.45	1.07											*	
COLUMBIA	2.78									.02										1.10	1.60		.08									*	
CORBIN CAA AIRPORT	3.20							.02											T	1.98	.85						T					*	
COVINGTON W B AIRPORT	2.12	.03	.01				.10	.20	T								.04	.74	.86	.08								T				1.43	*
CUMBERLAND FALLS ST PK	3.56							.16												1.87	1.15							T			.07	*	
CYNTHIANA	4.71							.28										T	T	3.55	.81	.07										*	
CYNTHIANA 2	4.09										T								T	3.30	.76					.03						*	
DANVILLE	3.32							.41												1.40	1.24	T									.07	*	
DELPHIA 1 E	2.42																			1.10	1.00									.15	.17	*	
DEMA	4.16							.10												1.86	1.98										.62	*	
DEWEY DAM	2.39							.20												.02	1.50	.63	.04									*	
DIX DAM	3.91							.08												2.58	1.25											*	
DUNDEE BARRETT'S FORD BR	4.77						.12	T											.75	2.70											1.20	*	
DUNMOR	4.45																			1.73	2.16										.56	*	
DUNNVILLE	3.10							1.10												1.06	.94											*	
EDDYVILLE LOCK F	3.59						.12	.15											T	.09	.31	2.65									.27	*	
EDMONTON	4.10								.20											.15	1.95	1.55									.25	*	
ELKHORN CITY	2.00				T			T	T	T	T									.05	1.56	.39	T					T				*	
FALMOUTH	4.06						.03	.31											.48	.02	2.72	.45	.05									*	
FARMERS	3.32							.57										.04	.04	1.85	.76	.03										.03	*
FLEMINGSBURG	4.68							.67												3.10	.69										.22	*	
FORD LOCK 10	4.28							.21												3.11	.96	T										*	
FORDS FERRY DAM 50	1.69						.06	.03												.27	1.24		.01								.08	*	
FRANKFORT LOCK 4	4.97						.38	.45												2.95	1.14	.05										*	
FRANKLIN WATER WORKS	3.89							T												1.71	1.32										.96	*	
FREESBURN		RECORD MISSING																														*	
FRENCHBURG	4.56							1.30				T								.03	1.81	.81						T			.61	*	
GEDRGETOWN WATER WORKS	3.92							.12											.11	T	2.41	1.14	.06								.03	*	
GEST LOCK 3	4.31						.22	.37											.03	.02	2.91	.71	.05									*	
GLASGOW	3.91																			1.35	2.10	.04									.42	*	
GLASGOW WKAY	4.55						T		.05										T	.04	2.03	1.70									.19	.53	*
GLENDAL	3.23							.18												.88	1.92		.04				T				.21	*	
GOLDEN POND 8 N	5.34					.21		.52	T											2.61	1.12									.88	T	*	
GRANT DAM 38	1.48							.09	.03											1.12	.21		.03									*	
GRAYSON	4.65		T					.45												3.21	.63	.02									.34	*	
GREENSBURG	3.27							.03												.87	2.20										.17	*	
GREENSBURG HWAY 61 BR	2.74																			.43	2.31											*	
GREENUP DAM 30	3.64			T				.94	.01										.34	.04	1.66	.65										*	
GREENVILLE 2 W	3.65					.05	.13													.92	1.53										.89	.13	*
HARTFORD 6 NW	4.24						.19												T	.89	2.57		T					T			.59	*	
HAZARD WATER WORKS	3.37				.02			.03	.04		.06									.06	1.57	1.26	.05								.29	*	
HEIDELBERG LOCK 14	3.73	R						.37	.02											1.85	1.09	T						T			.40	*	
HENDERSON 4 SW	3.45						.02	.15												.82	2.42										.19	*	
HICKMAN 1 E	3.85							.10												T	1.95											1.80	*
HICKSVILLE	8.47						.68													.43	5.85										1.51	*	
HIGH BRIDGE LOCK 7	4.36							.06												T	3.00	1.26	.04									*	
HINDMAN SETTLEMENT SCH	4.00							.07			.06									.06	2.00	1.60	.07					T			.14	*	
HOPKINSVILLE	5.05						.03	T											.02	.94	2.85	.01									1.20	*	
HYOEN	4.45			T				T												1.59	1.2												

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
SEPTEMBER 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE	5.88																				1.90	2.13										1.85	
RUSSELLVILLE SUBSTA	6.10																				1.85	2.20										2.05	
ST JOHN BETHLEHEM ACAD	3.37																				1.06	2.12		.02				T				.17	
SALYISA LOCK 6	4.79							T	.23											T	3.06	1.46		.03				T	T			.01	
SALYERSVILLE 2	5.18							.97	.38												.02	2.06	1.10									.65	
SCOTTSVILLE	4.58								.12												2.68	.92										.45	
SEBREE	3.77							.05	.07											T	.28	3.33					T					.04	
SHAWNEE STEAM PLANT	4.99							.45	.38												.15	3.68		.02								.31	
SHELBYVILLE 2 M	5.36							.10	.05											T	4.00	1.00		.05								.16	
SHEPHERDSTOWN	4.02							.02	.01												2.65	1.30		.04									
SOMERSET 1 N	3.55						T	.02	.41											.07	1.03	1.24										.08	
SPRINGFIELD	2.10																				1.14	.96										.70	
STEARNS	2.01																				1.10	.85		.06									
SUMMER SHADE	3.16								.24												1.46	.87										.10	
SUMMER SHADE SUBSTA	3.04								.14												1.07	1.37		.01								.50	
TAYLORSVILLE	5.87							.07	.08										.07		4.00	1.43		.07								.15	
TOMPKINSVILLE 2	3.77							.06													1.50	1.43		.07								.71	
TURKEY CREEK SCHOOL	5.70							.18	.47												.30	2.88										.01	
TYRONE LOCK 5	4.89								.12												3.65	1.08		.04									
UNIONTOWN DAM 49	3.51								.08												.15	3.25										.03	
VALLEY VIEW LOCK 9	4.88							.01	.06	T									T	T	3.65	1.14		.01			T	T				.01	
VANBUREN	5.38							T	.30												3.62	1.40		.06								T	
VANCEBURG DAM 32	2.48								.40											.26	1.36	.46											
WAYNESBURG 6 E	2.69								.66									T		T	.87	1.08		.02								.06	
WEST LIBERTY WATER WKS	4.37								.65												2.36	.83					T					.53	
WESTPORT	5.84						.35	.05	T						.42	.02	.38			.02	3.80	.80			T								
WILLIAMSBURG		RECORD MISSING																															
WILLIAMSTOWN	5.39									.20									.62			2.41	1.00									1.16	
WILLOW LOCK 13	5.29								1.75											.02	2.10	1.16		.02								.24	
WOLF CREEK DAM	3.60								.26	.11											1.24	1.60										.39	
WOODBURY LOCK 4	4.01							.17													1.17	2.32										.35	

# DAILY TEMPERATURES

KENTUCKY  
SEPTEMBER 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	78	88	93	98	101	102	85	88	89	81	75	77	87	93	95	93	96	92	97	75	68	70	73	82	83	80	84	88	83	81	85.8	
	MIN	49	53	62	61	62	64	69	66	56	57	56	50	50	59	56	58	59	61	69	60	57	44	44	48	57	60	55	58	66	65	57.7	
ASHLAND DAM 29	MAX	78	80	90	93	93	100	97	92	84	85	80	82	84	86	91	92	93	93	93	84	82	71	72	73	79	85	82	86	88	82	85.7	
	MIN	52	54	65	61	64	66	66	68	60	63	60	50	49	58	62	61	58	62	68	67	65	46	48	46	59	59	53	57	65	69	59.4	
BARBOURVILLE	MAX	84	92	99		106	102	103	96	96	95		88	90	95	95	96	97	96	97	93		75	82	88	85	84	90	90	91	86	92.3	
	MIN	45	44	50		56	59	62	65	56	58			45	52	55	56	50	50	60	62		43	41	44	52	58	52	52	58	60	52.9	
BARDSTOWN S J PREP SCH	MAX	81	91	94	101	103	103	101	89	90	90	87	83	90	95	96	96	96	94	97	97	73	72	75	87	84	84	87	91	80	84	89.7	
	MIN	48	54	70	63	66	62	65	64	55	57	53	47	52	60	57	54	59	61	68	57	62	42	42	47	65	65	55	56	67	68	58.0	
BAXTER	MAX	73	79	86	90	94	99	97	95	85	90	87	72	80	84	88	89	90	91	91	91	73	72	71	78	82	79	76	84	86	86	84.6	
	MIN	51	49	50	56	59	59	60	63	62	64	61	52	49	51	53	55	56	56	58	64	63	43	44	46	47	50	56	54	54	56	54.7	
BEAVER DAM	MAX	84	92	98	102	104	103	82	88	92	83	78	81	91	94	97	96	94	95	98	92	70	71	77	85	83	82	87	91	82	84	88.5	
	MIN	47	50	57	62	63	66	68	65	58	60	54	46	48	58	53	57	61	63	72	63	61	43	43	46	57	61	55	58	68	65	57.6	
BENHAM	MAX	74	79	89	98	100	102	101	100	86	93	92	80	85	87	90	92	92	94	94	88	75	74	72	75	75	78	82	86	88	88	87.0	
	MIN	46	45	48	56	55	55	60	62	58	61	58	50	46	52	58	56	60	67	63	64	63	41	42	46	49	50	54	53	54	60	54.4	
BEREA COLLEGE	MAX	80	88	94	96	101	102	93	85	86	86	72	79	86	91	93	93	95	91	95	81	71	70	76	83	84	80	87	90	88	83	86.6	
	MIN	48	51	55	60	66	67	67	66	59	59	57	49	45	56	61	56	60	65	73	62	61	45	42	46	62	64	56	61	69	68	58.5	
BOWLING GREEN CAA AP	MAX	82	95	101	103	104	104	87	91	93	88	77	83	91	96	97	93	92	93	99	82	72	72	77	86	85	85	88	92	81	85	89.1	
	MIN	49	52	59	64	64	69	69	67	61	58	57	50	52	61	62	62	64	64	72	62	51	45	46	51	61	61	56	61	67	66	59.4	
CAMBELLVILLE	MAX	81	90	95	101	104	103	90	90	93	88	78	81	90	93	95	95	93	94	97	92	72	72	79	85	83	79	87	90	83	84	88.6	
	MIN	50	51	59	62	64	66	67	66	58	59	56	49	51	60	64	62	62	62	73	63	62	44	44	50	59	62	55	59	71	66	59.2	
CARROLLTON LOCK 1	MAX	79	90	94	98	103	102	85	88	85	85	74	75	85	93	95	92	95	91	96	75	75	70	71	81	85	82	84	88	85	81	86.1	
	MIN	50	54	63	57	63	61	68	67	56	59	59	48	47	57	56	55	58	60	69	60	63	45	42	43	60	56	51	56	66	65	57.1	
CLERMONT 1 SSE	MAX	82	92	97	103	105	104	90	92	93	93	85	81	91	97	98	98	97	95	99	84	72	74	76	86	87	84	87	91	83	85	90.0	
	MIN	44	48	56	57	59	64	65	62	51	54	49	42	45	58	52	52	55	57	66	58	61	42	39	43	58	60	54	54	67	65	54.6	
CORBIN CAA AIRPORT	MAX	79	88	96	98	101	101	98	84	90	89	74	80	88	93	91	93	92	94	96	82	71	70	76	83	81	78	87	90	86	82	87.0	
	MIN	42	45	50	56	58	61	64	65	61	61	51	45	46	57	59	55	56	57	71	63	47	40	41	45	52	55	51	56	66	65	54.7	
COVINGTON W 8 AIRPORT	MAX	78	85	90	94	100	101	84	83	85	81	72	75	85	90	92	91	91	89	90	75	66	68	74	80	81	81	86	89	83	78	83.9	
	MIN	48	58	66	62	67	67	68	62	54	59	56	47	52	63	60	58	61	63	65	59	52	46	46	48	62	53	52	60	68	65	58.2	
CYNTHIANA 2	MAX	77	79	91	92	98	103	103	93	87	87	86	76	77	90	94	96	94	96	95	98	80	71	71	74	84	86	83	87	89		87.5	
	MIN	44	48	60	54	69	60	68	64	52	55	56	44	43	51	57	54	55	59	71	62	62	45	42	42	59	59	50	55	62	65	55.6	
DANVILLE	MAX	77	82	89	96	101	104	103	91	89	89	89	75	80	89	94	96	96	96	94	97	77	73	71	78	85	85	81	88	92	86	88.1	
	MIN	49	50	55	61	63	67	69	65	57	59	57	50	49	57	66	61	62	64	71	61	60	45	44	47	49	62	55	58	66	65	58.1	
DEWEY DAM	MAX	75	80	85	92	94	100	101	94	84	85	89	71	76	87	92	92	92	95	93	95	82	74	71	78	83	84	84	86	91	90	86.5	
	MIN	53	52	53	56	59	60	61	65	65	66	62	51	49	51	57	56	56	59	61	65	64	44	47	45	46	58	53	53	56	57	56.0	
DIX DAM	MAX	81	90	95	101	105	104	92	90	91	91	80	89	90	96	96	96	96	95	98	90	70	70	75	84	85	80	86	89	85	87	88.9	
	MIN	52	54	61	62	67	67	70	66	58	60	50	49	52	63	63	60	62	63	71	61	61	45	45	49	62	62	57	60	68	66	59.5	
FARMERS	MAX	79	87	94	95	102	100	92	86	86	87	83	75	87	92	93	94	95	92	95	81	78	73	75	84	86	83	87	91	88	82	87.4	
	MIN	47	48	58	55	58	62	67	65	57	57	59	47	45	54	56	55	55	59	66	63	62	42	42	43	55	60	49	54	61	65	55.5	
FORDS FERRY DAM 50	MAX	83	94	97	102	101	95	82	87	88	81	76	79	92	95	93	95	92	90	98	91	70	71	75	86	81	86	87	92	80	83	87.4	
	MIN	56	56	66	66	66	69	69	69	60	66	58	53	55	59	59	63	64	70	74	63	59	48	51	51	57	63	59	62	72	69	61.7	
FRANKFORT LOCK 4	MAX	80	83	92	97	100	104	95	95	92	89	89	79	78	89	95	96	97	96	94	97	78	73	73	76	84	85	82	81	90	87	88.4	
	MIN	50	50	52	59	58	62	63	67	58	57	59	49	49	49	57	57	57	59	60	60	63	46	45	45	55	59	54	54	56	66	55.8	
GLASGOW WKAY	MAX	79	91	93	100	103	102	89	88	92	87	78	81	89	94	90	94	90	93	96	90	70	71	75	85	83	81	86	90	79	82	87.4	
	MIN	49	50	56	64	64	67	65	69	61	60	56	51	52	59	61	60	61	69	69	63	62	43	47</									



# DAILY TEMPERATURES

KENTUCKY  
SEPTEMBER 1954

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	82	94	100	103	106	105	90	92	94	90	82	83	90	96	97	96	91	93	99	93	72	73	78	86	82	81	88	90	85	85	89.9	
	MIN	42	49	58	60	62	64	65	62	56	57	53	44	50	61	59	59	60	62	69	63	62	40	40	47	60	60	53	58	62	66	56.8	
MANCHESTER 4 SE	MAX	80	90	95	99	103	103	100	86	92	91	81	80	89	95	94	95	95	94	95	95	74	71	78	84	85	78	88	91	88	84	89.1	
	MIN	46	44	49	54	55	58	60	65	60	63	57	47	44	52	54	53	54	56	65	63	59	42	43	43	49	57	52	52	56	65	53.9	
MAYFIELD 2 S	MAX	85	94	100	102	105	102	81	90	92	87	79	81	91	95	98	95	93	92	98	89	73	71	75	85	86	87	92	85	80	89.2		
	MIN	52	56	64	66	70	71	68	67	58	64	55	52	55	59	59	64	65	67	72	63	58	44	48	51	57	60	57	65	69	68	60.8	
MAYSVILLE DAM 33	MAX	72	74	84	86	89	96	95	86	82	80	82	71	72	84	90	91	87	91	90	94	77	70	68	70	79	82	80	83	86	87	82.6	
	MIN	51	51	51	60	62	63	65	66	55	55	58	51	50	50	57	50	58	60	60	63	64	47	46	46	48	56	48	54	55	63	55.4	
MIDDOLESBORO	MAX	82	90	96	101	104	103	98	96	95	93	87	85	89	92	93	95	96	94	95	94	74	75	83	85	84	81	89	89	89	87	90.5	
	MIN	45	42	48	54	55	58	60	62	59	62	60	47	46	53	54	54	54	55	65	64	63	40	43	46	47	56	52	55	55	66	54.0	
MOUNT STERLING	MAX	80	88	95	96	104	104	94	85	85	88	78	78	90	94	95	95	97	93	98	84	72	70	76	83	86	82	86	90	87	83	87.9	
	MIN	49	51	64	60	65	66	68	64	56	59	56	49	48	60	64	58	65	63	69	61	57	43	45	48	59	62	54	58	64	66	58.4	
MURRAY	MAX	85	96	104	106	108	106	85	90	93	85	79	81	93	97	99	95	92	95	101	92	77	74	77	88	89	89	89	94	87	85	91.0	
	MIN	50	52	58	62	63	68	67	68	58	65	58	48	52	55	55	61	63	63	71	66	60	44	43	47	56	57	57	61	70	69	58.9	
OWENSBORO 2 W	MAX	83	91	95	100	103	100	80	89	87	79	78	82	89	93	93	96	92	91	96	86	69	72	78	84	80	84	89	91	80	82	87.1	
	MIN	51	52	60	65	65	69	67	67	60	63	55	55	50	56	56	60	62	64	71	63	62	48	44	49	58	61	57	58	71	66	59.5	
PAOUCAH CAA AIRPORT	MAX	85	93	101	102	104	101	83	88	89	79	76	80	88	93	96	94	91	90	97	85	71	71	75	83	84	87	89	92	82	80	87.6	
	MIN	54	55	66	66	68	70	70	64	59	64	55	50	54	57	59	62	67	69	73	65	54	47	46	49	59	61	60	66	71	70	61.0	
PAOUCAH	MAX	81	86	95	102	103	105	101	80	90	90	81	79	82	94	95	97	96	91	90	99	71	72	72	76	86	84	88	89	93	81	88.3	
	MIN	53	52	55	62	65	65	69	70	59	62	58	53	52	54	56	57	61	66	72	69	62	47	46	45	54	57	58	58	63	69	59.0	
PIKEVILLE	MAX	84	88	96	98	103	103	98	86	93	90	72	80	89	94	93	96	98	95	97	81	79	75	79	87	87	83	89	93	94	82	89.4	
	MIN	55	54	56	62	61	63	65	67	67	69	64	55	50	56	60	59	59	60	70	66	65	46	49	50	55	61	56	57	60	64	59.4	
PRINCETON	MAX	85	96		104	106	105	78	91	92	85	82	85	93	97	99	97	99	95	98	90	73	75	76	87	85	86	90	92	80	84	89.8	
	MIN	49	50	56	61	62	66	66	65	58	61	55	50	48	52	52	56	57	66	65	62	61	42	43	48	53	59	55	56	67	66	56.9	
RICHMOND	MAX	76	80	88	95	98	103	101	91	84	88	88	74	77	86	90	93	94	95	92	95	76	71	71	75	82	83	81	86	90	86	86.3	
	MIN	48	50	51	59	61	69	70	67	59	58	58	50	48	61	64	61	58	65	63	62	62	41	44	47	60	63	55	56	64	68	58.1	
RUSSELLVILLE	MAX	85	94	102	104	107	105	80	85	96	88	78	83	92	97	98	95	92	97	100	89	72	72	77	86	85	84	90	91	79	85	89.6	
	MIN	45	49	56	59	61	63	68	60	56	59	50	43	50	55	57	59	64	62	70	60	57	41	41	45	58	56	55	54	66	65	56.1	
ST JOHN BETHLEHEM ACAD	MAX	76	80	88	95	100	103	100	87	89	90	85	76	78	89	94	95	94	93	91	97	74	70	72	74	83	82	82	86	90	78	86.4	
	MIN	49	50	61	65	66	66	69	66	59	59	56	51	50	58	55	58	60	60	67	60	63	46	46	50	60	62	57	58	60	65	58.4	
SCOTTSVILLE	MAX	83	95	101	104	104	103	90	89	94	88	80	83	90	95	96	94	91	94	98	92	73	71	77	87	86	82	89	91	81	84	89.5	
	MIN	48	52	59	63	66	71	68	69	61	60	56	47	57	66	66	63	63	66	71	65	63	45	44	52	59	61	59	63	69	66	60.6	
SHELBYVILLE 2 W	MAX	81	92	95	103	104	106	91	89	92	86	76	82	90	95	97	96	97	94	97	76	71	71	76	84	84	80	87	89	84	79	88.1	
	MIN	52	54	63	63	67	67	70	68	57	59	57	50	51	61	60	59	62	62	70	60	61	46	47	50	60	62	57	59	69	65	59.6	
SOMERSET 1 N	MAX	79	87	95	98	101	100	95	85	90	88	72	78	87	92	93	92	93	93	95	86	79	72	76	83	82	80	87	91	86	83	87.3	
	MIN	45	44	54	59	60	60	66	66	61	56	56	52	48	61	60	56	57	60	67	62	66	41	41	46	55	61	54	57	64	64	56.6	
SUMMER SHADE	MAX	81	93	99	103	104	105	93	88	92	88	75	80	89	94	95	92	92	95	97	85	70	70	75	85	84	82	87	92	80	83	88.3	
	MIN	44	50	64	63	66	70	71	75	62	59	56	50	55	62	63	61	62	65	73	64	55	43	45	52	57	60	56	60	67	62	59.7	
VANCEBURG DAM 32	MAX	77	85	89	87	97	98	91	83	84	86	79	74	79	89	92	89	93	91	95	87	74	70	69	77	80	80	84	88	88	82	84.6	
	MIN	50	50	61	59	60	62	65	64	54	58	55	50	48	56	58	57	57	58	65	60	56	43	43	44	56	54	49	53	60	64	55.6	
WEST LIBERTY WATER WKS	MAX	80	85	88	90	96	100	100	92	90	88	88	76	85	88	90	90	92	95	92	90	80	75	80	82	84	85	81	88	89	91	87.7	
	MIN	50	50	50	52	55	55	60	58	50	50	52	50	48	46	50	52	50	55	50	58	57	40	40	42	46	58	50	48	48	57	50.9	
WILLIAMSBURG	MAX																																
	MIN																																
WILLIAMSTOWN	MAX	74	78	90	90	94	98	100	85	83	84	83	72	74	86	91	93	91	94	92	93	76	69	68	73	83	83	80	85	85		84.4	
	MIN	51	58	60	55	65	71	69	65	56	58	58	51	51	62	65	60	62	63	59	57	61	44	46	50	53	53	58	60	66		58.2	
WOLF CREEK DAM	MAX	78	82	94	101	93	96	103	84	88	93	83	75	82	90	94	95	94	91	95	100	79	79	72	78	87	84	82	90	93	82	87.9	
	MIN	47	47	50	52	60	62	62	65	61	59	58	49	50	51	57	57	56	56	62	65	63	43	43	45	49	53	52	52	56	64	54.9	

## STATION INDEX

KENTUCKY  
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Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	
ADDISON DAM 45	0031	BRECKINRIDGE	7 37 35	86 34	380	6A			CORPS OF ENGINEERS	3	C	LIBERTY	4735	CASEY	3 37 21	84 55	772			7A PALLIA F. NANELA	3	C
ADDISON 1 N	0043	ALLEN	3 36 39	86 16	600	7A			IDELL M. DEARING	3	C	LITTLE HICKMAN LOCK B	4829	JESSAMINE	4 37 43	84 35	560			7A CORPS OF ENGINEERS	3	C
ALBANY	0063	CLINTON	2 36 41	89 08	960	7A			MRS. BARBARA M. COOL	3		LOCKPORT LOCK 2	4837	HENRY	4 38 26	84 50	485			6A CORPS OF ENGINEERS	3	C
ANCHORAGE	0093	FLOYD	3 37 35	82 43	630	6A			MAHNE AUER	3		LOGLOCK 1 S	4865	CLARK	4 37 51	84 02	521			MID MRS. N. BURGER	3	C
	0135	JEFFERSON	7 30 16	83 33	700	7P			C. E. BARRET	2 3 3		LONDON 3 SN	4895	LAUREL	2 37 06	84 06	1217			MID U.S. FOREST SERVICE	3	C
ASHCAMP	0246	PIKE	1 37 16	82 26	1100	6A			MARY S. RATLIFF	3		LOUISA	4943	LAURENCE	1 38 07	82 37	584			8A JULIUS M. RANKIN	3	C
ASHLAND DAM 29	0254	BOYD	7 38 27	82 36	551	6P			7A CORPS OF ENGINEERS	2 3 3	7	LOUISA 2	4946	LAURENCE	1 38 07	82 37	600			7A EDDIE L. YOUNG	3	C
BARBOURVILLE	0301	KNOX	2 36 52	89 33	1000	6P			UNION COLLEGE	2 3 3	C	LOUISVILLE BONMAN FLO	4951	JEFFERSON	7 38 13	83 40	598			MID CORPS OF ENGINEERS	2 3 5	7
BARSTOWN 1 1/2 PREP SCH	0397	NELSON	3 37 40	85 28	637	6P			ST. JOSEPH PREP SCH	2 3 5		LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	83 44	474			MID U.S. WEATHER BUREAU	2 3 5	7
BATER	0450	MARLAN	2 36 31	85 20	1164	7A			C. HONER NOLAN	2 3 5	C	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403			6A CORPS OF ENGINEERS	3	C
BEAVER DAM	0490	DHIO	2 36 25	86 52	441	6P			E. G. YOUNG	2 3 5	7	LOUISVILLE WB CITY	4956	JEFFERSON	7 38 15	85 46	457			MID U.S. WEATHER BUREAU	2 3 5	7
BENHAM	0595	MARLAN	2 36 58	87 52	1580	8A			C. C. WHITEAKER	2 3 5	7	LOUCELLEVILLE	4967	BALLARD	6 36 58	88 50	370			6P BLAINE MALONE	2 3 5	7
BENJON	0611	MARSHALL	9 36 51	88 20	395	NID			JAMES H. MILLER	2 3 5	C	LUCAAS	5002	BARREN	3 36 53	86 02	738			MID NILLARD E. FOSTER	2 3 5	7
BERRA COLLEGE	0619	MADISON	4 37 34	86 18	1070	6P			JAMES A. GROSSMAN	2 3 5	C	MADISONVILLE 1 SE	5047	NASON	7 38 36	83 42	435			7A HOMER NELSON, JR.	2 3 5	7
BERRA NATER WORKS	0624	MADISON	4 37 34	86 18	1100	7A			MRS. L. B. GAFFARO	3		MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	800			5P NATIONAL PARK SVC	2 3 5	7
BOWLING GREEN	0904	WARREN	3 37 00	86 26	536	7A			JAMES R. EDWARDS	3		MANCHESTER 4 SE	5111	CLAY	4 37 06	83 45	850			7A NORA S. WHITE	2 3 5	7
BOWLING GREEN SUBSTA	0909	WARREN	3 37 01	86 26	470	7A			TVA-659	3		MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364			7A TVA-5-A	2 3 5	7
BOWLING GREEN CAA AP	0909	WARREN	3 36 50	86 26	555	NID			CIVIL AERO. ADM.	2 3 5	7	MAYFIELD 2 S	5232	GRAVES	6 36 42	88 38	364			5P MRS. JOE PAYNE	2 3 5	7
BOWLING GREEN WTR NKS	0914	WARREN	3 37 00	86 26	505	NID			CITY BOWLING GREEN	3	C	MIDVILLE DAM 53	5243	NASON	7 38 36	83 42	515			7A CORPS OF ENGINEERS	2 3 5	7
BRENT DAM 36	0978	CAMPBELL	7 59 03	84 25	497	7A			CORPS OF ENGINEERS	3		MC KEE	5291	JACKSON	2 37 26	84 00	1000			7A MRS. NINNIE N. MORAN	3	C
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	6P			STINSON SKAGGS	3		MC KINNEYSBURG	5301	PENDLETON	5 38 36	84 16	654			MID EDWARD C. GIFFORD	2 3 5	7
BURDINE 2 NE	1120	PIKE	1 37 13	82 35	1643	BA			EDWIN E. JOHNSON	3	C	MIDLESDORO	5309	BELL	2 36 37	83 43	1130			7A LON L. HERREL	2 3 5	7
BURKEVILLE	1137	CUMBERLAND	2 36 47	85 22	600	7A			MARVIN M. LEE	3		MIDLESDORO RR STA	5344	BELL	2 36 37	83 43	1130			MID H. C. HAGAN	3	C
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	424	7A			CORPS OF ENGINEERS	3		MIDWAY	5407	WOODFORD	4 38 09	84 41	—			8A CITY OF MIDWAY	3	C
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	777	6P			ALVA MC KINLEY	2 3 5		MILLERSBURG	5430	BOURBON	5 38 18	84 09	—			MID DAVID C. BAILEY	3	C
CARROLTON LOCK 1	1345	CARROLL	4 38 41	85 11	480	6P			CORPS OF ENGINEERS	2 3 5	C	MILLERTOWN	5684	GRAYSON	3 37 27	86 03	580			7A MRS. O. M. LANIER	3	C
CENTRAL CITY	1439	MULLENBERG	5 37 17	87 07	453	NID			JAMES F. RICE	2 3 5	C	MONTICELLO	5524	WAYNE	2 56 50	84 50	960			7A ALVIN L. BERTHAM	3	C
CLERMONT 3 SSE	1611	BULLITT	6 37 58	83 40	474	5P			BERNHEIM FOUNDATION	3		MONTICELLO	5555	ROHAN	3 38 13	83 26	770			8A ART D. MILLIANS	2 3 5	7
CLINTON	1631	HICKMAN	6 36 41	89 00	370	NID			JOSEPH D. FRANKLIN	3	C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	83 56	930			5P FRED CARTMILL	2 3 5	7
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A			CORPS OF ENGINEERS	3		MUNFORDVILLE	5684	MART	3 37 16	83 55	636			7A HUBERT E. HODGES	3	C
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	7A			MRS. MAZEL B. PICKETT	3		MURRAY	5684	CALLAWAY	9 36 36	88 20	600			6P MURRAY NATER SYSTEM	2 3 5	7
CORBIN CAA AIRPORT	1801	WHITLEY	2 36 58	84 08	1173	NID			CIVIL AERO. ADM.	2 3 5	7	OLIVE HILL	6012	CARTER	7 38 18	83 11	752			MID ERIC SCHOOL	3	C
COVINGTON WB AIRPORT	1855	BOONE	7 59 04	84 40	869	MID			U.S. NEATHER BUREAU	2 3 5	7	OLNEY	6020	HOPKINS	7 37 14	87 47	380			8A ART D. MILLIANS	2 3 5	7
CUMBERLAND FALLS ST PK	1969	WHITLEY	3 36 50	84 19	1070	SP			KEY DEPT OF CONS.	3		ONEONTA DAM 35	6033	CAMPBELL	7 38 58	84 10	512			7A CORPS OF ENGINEERS	2 3 5	7
CYNTIANA	1998	MARRISON	5 36 23	84 16	684	7A			MARSHALL HILL	3		OWENSBORO 2 N	6091	DAVIESS	7 37 46	87 09	420			7A VIRGIL O. CLARK	2 3 5	7
CYNTIANA 2	2003	HARRISON	5 36 23	84 17	719	BA			R. P. CARDINAL DAIRY	2 3 5		OWENSBORO DAM 46	6096	DAVIESS	7 37 47	87 08	404			7A CORPS OF ENGINEERS	3	C
DAVALL	2040	BOYLE	4 37 39	84 48	955	7A			R. P. COLDIRON	2 3 5	7	PAIDACH CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 46	380			MID CIVIL AERO. ADM.	2 3 5	7
DELPHINIA 1 E	2053	MARTIN	1 37 40	82 32	718	NID			BERTHA DE LONG	3		PAIDACH	6115	MC CRACKEN	7 37 06	88 37	340			6A NESTER P. LACKEY	2 3 5	7
DEMA	2132	PERRY	4 37 02	83 07	1647	7A			GENE T. HILTON	3		PAIDACH ARMORY	6117	MC CRACKEN	7 37 05	88 35	344			MID CITY OF PAIDACH	3	C
DEWEY DAM	2138	KNOTT	1 37 25	82 48	830	SP			MATTIE B. BARNEY	3		PAIDACHVILLE	6136	JOHNSON	1 37 49	82 48	620			7A JESSE FAIRCHILD	3	C
DUNDEE BARRETS FORD BR	2180	FLOYD	1 37 45	82 47	653	7A			CORPS OF ENGINEERS	2 3 5	6	PAIDACHVILLE	6533	PIKE	1 37 29	82 31	686			8P U.S. NEATHER BUREAU	2 3 5	7
DUNVILLE	2214	MERCER	4 37 48	84 43	917	4P			C. J. WILLIAMS	2 3 5	6	PINEVILLE	6586	BELL	2 36 45	83 42	989			7A C. PARTIN	3	C
DYER	2350	ONIO	3 37 33	86 43	430	7A			J. L. NUFF	3		PRINCETON	6575	CALDWELL	2 37 06	87 53	529			5P ALTON M. MARVILL	2 3 5	7
EDDYVILLE LOCK F	2358	MULLENBERG	3 37 05	87 00	610	7A			M. O. GIVERS	3		RAVENNA LOCK 12	6679	ESTILL	4 37 40	83 57	634			7A CORPS OF ENGINEERS	3	C
EDMONTON	2374	CASEY	3 37 13	84 58	581	BA			LENNIE O. TARTER	3		RICHHOM	6805	MADISON	4 37 44	84 18	1085			8A THOMAS C. HERMON	2 3 5	7
ELKHORN CITY	2428	PIKE	3 37 05	86 19	793	MID			LENA BLAIR	3	C	ROCHESTER LOCK 3	6882	ONIO	3 37 13	86 54	401			7A CORPS OF ENGINEERS	3	C
ELKHORN CITY	2458	PIKE	3 37 05	86 19	793	7A			CORPS OF ENGINEERS	3		RUNNEY LOCK 2	7099	MC LEAN	3 37 32	87 16	384			6A CORPS OF ENGINEERS	3	C
FALMOUTH	2529	METCALFE	3 37 00	85 37	865	7A			JOHN E. MORAN	3		RUSSELLVILLE	7049	LOGAN	3 36 51	86 53	590			7A WM. B. PORTER	2 3 5	7
FARMERS	2548	PIKE	1 37 18	82 21	860	6A			MRS. KESSIE SCAMMELL	3		RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576			7A TVA-683	3	C
FLEMINGSBURG	2575	PENDLETON	5 38 40	84 20	540	7A			FRANK H. LANSON	3		SAIDVILLE	7074	SCOTT	4 38 28	84 33	913			MID STANLEY WILSON	3	C
FLORENCE DAM 5	2791	RONAN	5 38 09	83 33	488	6P			MRS. C. C. STAMPER	2 3 5	7	ST JOHN BETHELEHEM ACAD	7081	MARDIN	8 37 42	85 59	777			7A SISTER M. NELTINA	2 3 5	7
FLORENCE DAM 5	2903	FLEMING	5 38 25	83 43	870	7A			JEAN FLEMING	3		ST MARY	7086	MARTIN	8 37 32	85 21	730			7A ST MARY COLLEGE	3	C
FLORENCE DAM 5	2908	FLEMING	5 38 25	83 43	870	MID			MAURICE B. CARPENTER	3		SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520			7A CORPS OF ENGINEERS	3	C
FLORENCE DAM 5	3052	DOSSON	5 37 57	83 39	930	6A			CORPS OF ENGINEERS	2 3 5	7	SALVERSVILLE	7129	MAGOFFIN	5 37 45	83 05	859			MID STANLEY GARNER	3	C
FLORENCE DAM 5	3061	CRITTENDEN	7 37 28	86 06	356	6P			CORPS OF ENGINEERS	2 3 5	7	SALVERSVILLE 2	7134	MAGOFFIN	5 37 45	83 04	900			7A FOREST C. WILLIS	3	C
FRANKFORD LOCK 4	3028	FRANKLIN	4 38 14	84 52	504	6A			CORPS OF ENGINEERS	2 3 5		SCOTTSVILLE	7215	ALLEN	3 36 45	86 12	770			5P NOBLE ALLEN	2 3 5	7
FRANKLIN WATER WORKS	3036	SIMPSON	3 36 43	86 34	691	7A			HERMAN O. NEAL	3		SEBREE	7234	NESTER	3 37 36	87 32	340			7A GILBERT L. ASHBY	3	C
FREEBURN	3046	PIKE	1 37 34	82 08	727	6A			JOHN E. TANNER	3		SHANNEY STEAM PLANT	7311	MC CRACKEN	7 37 09	88 47	355			7A TVA-709	3	C
FRENCHBURG	3052	HENRIE	5 37 57	83 39	930	NID			FRENCHBURG SCHOOL	3		SHELBYVILLE 2 N	7324	SHELBY	8 38 13	85 16	829			7A WILMA S. A. RATTIA	2 3 5	7
GEORGETOWN NATER WORKS	3194	SCOTT	4 38 12	84 33	880	6A			JOE N. ATKINS	3		SHEPHERDSVILLE	7334	BULLITT	6 38 00	85 44	—			7A OVID K. MAGRUGER	3	C
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	7A			CORPS OF ENGINEERS	3		SMITHFIELD 4 S	7473	SHELBY	8 30 20	85 16	862			MID F. N. SIMPSON	3	C
GLASGOW	3241	BARREN	5 37 00	85 55	780	6P			ENILY M. BEAN	3		SOMERSET	7508	PULASKI	2 37 06	84 37	1050			MID CORPS OF ENGINEERS	3	C
GLASGOW NKAY	3246	BARREN	5 37 00	85 55	808	6P			RADIO STATION NKAY	2 3 5		SOMERSET 1 N	7510	PULASKI	2 37 07	84 37	1050			6P RADIO STA NSFC	2 3 5	7
GOLDEN POND 8 N	3255	MARIN	3 37 34	85 55	700	NID			DAVID N. BELL	3		SPRINGFIELD	7604	WASHINGTON								

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gages (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

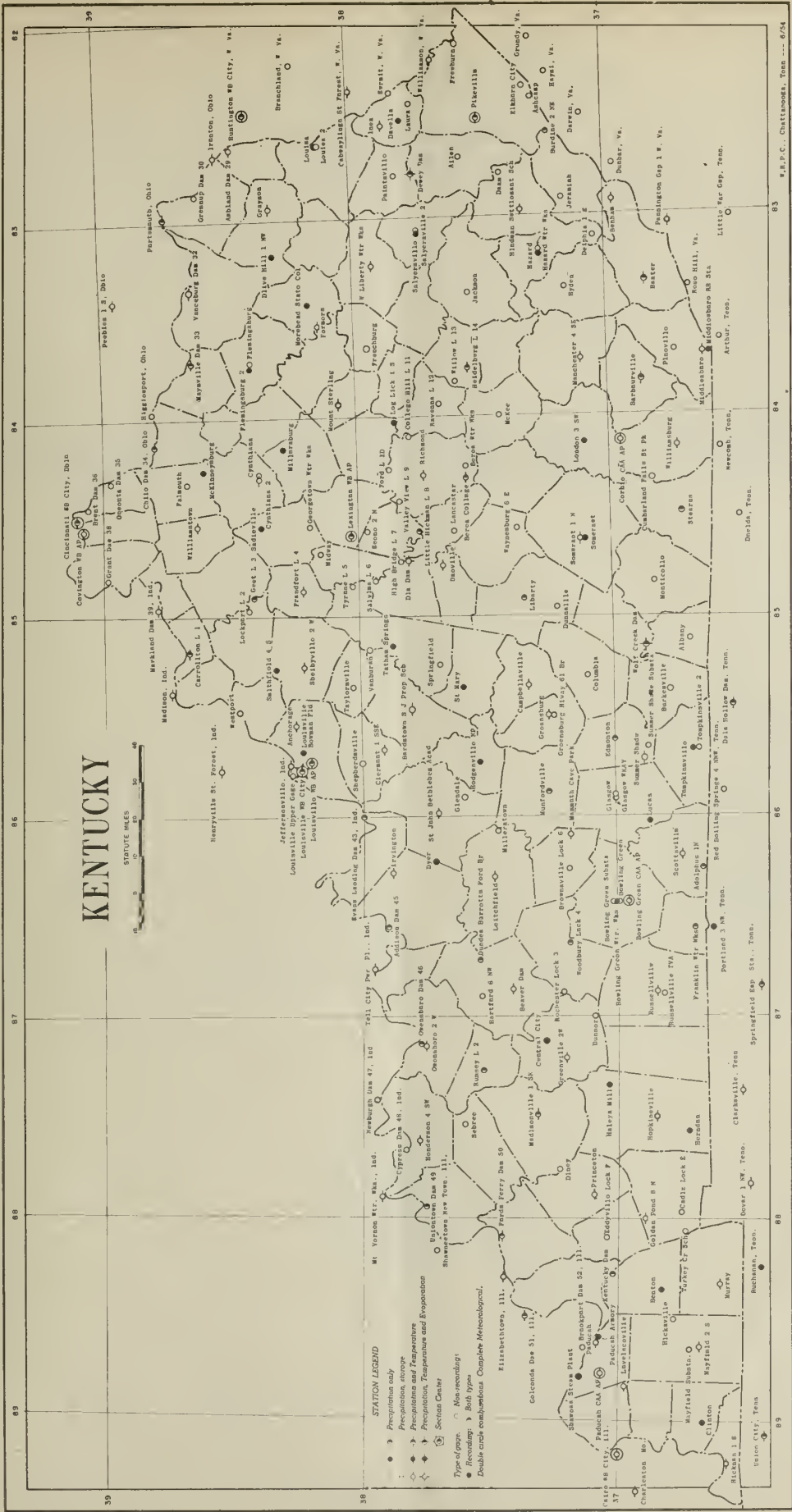
T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. ---11/1/54 --- 600





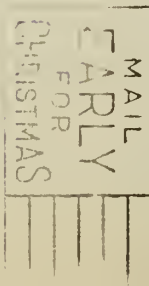
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# CLIMATOLOGICAL DATA

## KENTUCKY

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UNIVERSITY OF ILLINOIS

OCTOBER 1954

Volume XLIX No. 10



CHATTANOOGA: 1954

NAT.  
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## WEATHER SUMMARY

Hot weather prior to mid-month and cold weather during later periods were the principal features. Temperatures averaged 59.2° (0.7° above normal), and extremes ranged from 96° at Williamsburg on the 5th to 20° at Barbourville, Hindman Settlement School, and Somerset 1 N on the 31st. The highest temperature for the month was recorded at all stations during the first week, and the lowest readings were recorded at all stations on the 30th or 31st. Precipitation averaged 2.84 inches (0.25 of an inch above normal), and station totals ranged from 6.02 inches at Kentucky Dam to 0.57 of an inch at Berea College.

Temperatures were very high the 1st through the 14th with the exception of a quickie cool snap the 6th-8th. A cold front that reached the western extremity of Kentucky about noon on the 14th swept through the State and cleared the eastern extremity about fifteen hours later to usher in a cold weather period that persisted for a week. Temperatures rose to near normal on the 22nd and the warming trend continued through the 26th. The west to east passage of a cold front on the 27th started temperatures on a downward trend that continued through the 29th and established cold weather as the month's closing weather feature. Temperatures on the 30th and 31st were 16° to 18° below normal. Precipitation throughout the month occurred in fairly well-defined periods and on a statewide basis (or nearly so). There were light rains the 1st-2nd and the 5th-6th. The 11th-17th was a cloudy period with rain over a considerable portion of the State

each day. A second extended period of precipitation began on the 25th and continued to the end of the month. Precipitation during the last three days of this period was very light and mostly in the form of snow.

Agricultural interests in Kentucky experienced generally favorable weather this month. Soil moisture and water supplies were generally adequate. Pastures provided fair to good forage. Corn harvesting progressed well and the major portion of the crop was in by the close of the month. Fall plowing and seeding of grains and cover crops advanced satisfactorily and precipitation during the last week appeared to assure good germination.

The following information on severe storms was furnished by the Meteorologist in Charge, Weather Bureau Office, Louisville, Kentucky:

"Severe storms were generally absent during the month of October, 1954. Property damage was minor and did not exceed \$2,000. The damage that did occur was primarily as a result of electrical storms on the 5th and 11th in Louisville. One fatality and one injury were caused by lightning in Simpson County on the 1st.

"Unusually high water for October occurred in the Ohio River in the northeastern part of the State as a result of the rain from hurricane Hazel. Some bottom land in the area was inundated but damage was relatively minor." - Jacob T. B. Beard

# SUPPLEMENTAL DATA

KENTUCKY  
OCTOBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	S	19	11.7	-	-	-	91	87	55	70	5	7	5	0	0	0	17	-	5.7
LOUISVILLE WB AP	S	19	7.9	34	SE	14	95	89	54	73	5	3	5	4	0	0	17	90	5.9

# COMPARATIVE DATA

OCTOBER

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1999	52.0	99	23	2.33	-		1912	59.5	92	25	1.42	0		1935	59.5	91	22	2.51	0	
1890	55.7	97	23	2.94	-		1913	59.9	97	23	3.55	T		1939	59.5	99	24	3.47	0	
1991	54.9	92	21	0.79	-		1914	59.7	81	22	5.10	0		1937	55.7	93	17	4.27	T	
1992	57.3	97	19	0.51	-		1915	90.9	90	27	2.40	0		1939	90.1	95	24	0.49	0	
1993	59.4	90	19	4.00	-		1919	57.9	97	24	2.59	T		1939	90.9	95	23	2.09	0	
1994	59.9	92	25	1.39	-		1917	51.1	90	20	3.19	0.1		1940	90.4	93	25	0.74	0	
1995	52.2	99	14	1.24	-		1919	92.3	91	32	3.91	0		1941	94.0	98	27	4.25	0	
1999	55.9	90	25	1.71	-		1919	95.9	99	35	7.99	0		1942	59.7	99	19	2.91	T	
1997	93.2	99	29	1.10	0		1920	91.0	93	24	1.94	0		1943	59.7	99	21	1.97	T	
1999	57.1	93	21	4.19	T		1921	57.1	90	24	2.31	0		1944	57.5	90	23	1.31	0	
1999	91.3	93	29	2.42	0		1922	90.2	99	25	2.29	0		1945	59.7	91	23	2.04	0	
1900	94.5	94	29	2.29	0		1923	59.5	99	19	1.99	0.2		1949	59.9	92	27	2.39	0	
1901	59.1	93	25	1.57	0		1924	91.1	91	24	0.27	0		1947	94.3	92	27	2.20	0	
1902	90.1	91	25	2.34	T		1925	52.9	99	13	7.09	3.2		1949	54.7	85	19	2.45	T	
1903	57.7	99	19	2.22	T		1929	59.3	94	25	5.99	T		1949	91.9	99	25	4.53	T	
1904	57.2	93	20	0.52	0		1927	90.7	92	27	2.91	0		1950	92.4	90	30	1.77	0	
1905	57.0	90	25	4.95	0		1929	91.9	95	21	3.93	0		1951	59.4	98	25	2.00	T	
1909	59.9	91	20	1.51	T		1929	59.4	95	25	3.95	T		1952	52.1	93	13	1.45	T	
1907	55.5	93	20	2.97	T		1930	55.9	94	19	1.33	T		1953	90.2	98	20	0.91	0	
1909	57.1	92	20	0.71	0		1931	92.0	93	29	3.01	0		1954	59.2	98	20	2.94	0.1	
1909	55.2	94	19	2.11	T		1932	59.9	95	24	3.31	0								
1910	91.4	99	17	4.45	0.1		1933	57.4	99	23	2.05	0								
1911	59.9	94	27	3.71	0		1934	59.5	99	22	0.99	0								

Averages for the period January 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
OCTOBER 1954

TABLE 2

Station	Temperature										Precipitation																	
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
										Max. Min.									Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
										90° or Above	80° or Below	70° or Below	60° or Below	50° or Below														
WESTERN DIVISION																												
BEAVER DAM	71.0	47.8	59.4	+.2	90	4+	25	31	264	2	0	4	0	0	1.51	- 1.25	.90	14	.0	0		3	1	0				
FORDS FERRY OAM 50	70.4	50.7	60.6		91	4	30	31	236	3	0	2	0	0	3.22	+.62	.83	1	.0	0		8	1	0				
GOLDEN POND 8 N	71.4	47.2	59.3		90	3	25	30	259	1	0	7	0	0	3.46		.82	1	T	0		9	2	0				
GREENVILLE 2 W	70.8	47.1	59.0	+.3	90	4+	25	30+	278	2	0	4	0	0	2.26	- 1.07	.89	14	.0	0		6	1	0				
HENOERSON 4 SW	70.3	48.6	59.5	+.9	92	4	28	30	260	3	0	2	0	0	4.43	1.57	1.22	11	.0	0		7	4	1				
HICKMAN 1 E	73.1	46.9	60.0		90	4+	25	30		4	0	5	0	0	3.22		1.72	2	.0	0		4	2	1				
HOPKINSVILLE	72.2	47.3	59.8	+.7	92	6	24	30		3	0	2	0	0	3.03	+.19	1.43	2	.0	0		5	2	1				
LOVELACEVILLE	70.6	48.9	59.8	+.9	89	3+	30	30	252	0	0	3	0	0	4.71	1.18	1.65	25	.0	0		9	2	2				
MAOISONVILLE 1 SE	72.0	49.5	60.8		90	2+	30	30	237	4	0	2	0	0	3.16		1.02	13	T	0		8	2	1				
MAYFIELD 2 S	71.5	50.0	60.8	+.3	90	5	28	30	235	1	0	1	0	0	3.33	+.35	1.60	1	.0	0		5	2	1				
MURRAY	72.5	49.4	61.0	+.5	93	3	28	30	223	3	0	2	0	0	3.35	+.35	1.90	1	.0	0		6	2	1				
OWENSBORO 2 W	70.3	48.4	59.4	+.6	90	3+	26	30	269	3	0	3	0	0	2.77	-.37	.63	15	T	0		8	1	0				
PAOUCAH CAA AIRPORT	69.5	49.9	59.7		89	3+	31	31	260	0	0	2	0	0	4.87		1.42	25	T	0		6	4	1				
PAOUCAH	71.2	49.9	60.6	-.3	92	5	33	30		2	0	0	0	0	5.01	2.11	1.24	26	.0	0		7	4	2				
PRINCETON	71.9	47.0	59.5	+.1	93	5	25	31	257	3	0	4	0	0	3.23	+.44	1.30	25	.0	0		8	2	1				
RUSSELLVILLE	70.8	46.3	58.6	-.5	91	5	26	30+	283	1	0	8	0	0	2.60	-.02	1.54	15	.0	0		4	1	1				
DIVISION																3.39			T									
CENTRAL DIVISION																												
ANCHORAGE	68.8	47.0	57.9	1.2	88	3+	24	31	298	0	0	3	0	0	3.41	+.71	.56	11+	T	0		10	3	0				
BAROSTOWN S J PREP SCH	72.3	47.2	59.8		91	4+	23	31	265	4	0	5	0	0	2.81		1.44	15	.0	0		5	1	1				
BOWLING GREEN CAA AP	70.2	48.5	59.4	+.3	91	5	25	31	266	1	0	3	0	0	1.80	- 1.08	1.18	14	.0	0		3	1	1				
CAMPBELLVILLE	71.0	48.5	59.8		91	4+	25	31	259	2	0	2	0	0	2.02		.67	15	T	0		7	1	0				
CARROLLTON LOCK 1	69.7	48.0	58.9		90	5	26	31	280	1	0	2	0	0	3.89	1.35	1.32	15	.0	0		7	3	1				
CLERMONT 1 SSE	71.8	46.2	59.0		93	4	23	31	288	3	0	9	0	0	3.84		1.36	13	.0	0		8	3	1				
COVINGTON W B AIRPORT	66.9	46.8	56.9	+.9	88	4+	27	31	328	0	0	4	0	0	4.13	1.96	1.42	14	T	0		8	2	1				
OANVILLE	71.5	47.2	59.4	1.6	92	5	23	31		2	0	3	0	0	2.65	+.29	1.18	1	T	0		7	1	1				
OIX OAM	70.2	47.9	59.1		89	4+	23	31	274	0	0	2	0	0	2.37		1.10	1	T	0		6	1	1				
FRANKFORT LOCK 4	70.9	47.2	59.1	1.5	90	5+	24	31		2	0	3	0	0	3.23	+.74	.77	15	.0	0		7	3	0				
GLASGOW WKAY	70.8	49.8	60.3		89	5	24	31	246	0	0	2	0	0	2.26		.70	15	T	0		6	2	0				
GREENSBURG	72.4	47.3	59.9	2.5	92	5	25	31		3	0	6	0	0	3.56	+.67	.95	1	.0	0		7	2	0				
IRVINGTON	71.3	48.6	60.0	1.2	93	4	28	30+	260	2	0	2	0	0	3.62	+.83	1.12	12	T	0		8	2	1				
LEITCHFIELD	69.5	49.1	59.3	+.8	90	4+	26	30	270	2	0	2	0	0	2.65	-.51	1.60	15	.0	0		4	2	1				
LEXINGTON WB AIRPORT	68.1	47.9	58.0	+.7	89	4	24	31	301	0	0	2	0	0	1.33	- 1.11	.44	13	.1	T	31	5	0	0				
LOUISVILLE WB AP	69.6	48.9	59.3	+.7	91	5	28	31	280	3	0	2	0	0	3.86	1.41	.95	14	T	0		9	4	0				
LOUISVILLE WB CITY	69.8	52.5	61.2	1.4	91	5	33	31	233	3	0	0	0	0	2.93	+.45	.70	14	T	0		8	2	0				
MAMMOTH CAVE PARK	71.4	48.2	59.8	2.6	91	5	24	31	262	2	0	5	0	0	2.87	+.27	1.53	15	T	0		6	1	1				
ST JOHN BETHLEHEM ACAA	69.8	48.8	59.3	1.5	91	5	26	30+		2	0	2	0	0	2.65	-.27	.72	1	T	0		9	1	0				
SCOTTSVILLE	71.4	50.1	60.8		92	5	28	30	239	2	0	2	0	0	3.60		1.25	1+	.0	0		6	2	2				
SHELBYVILLE 2 W	69.8	48.5	59.2	1.8	90	5	24	31	271	1	0	2	0	0	3.23	+.51	.91	15	T	0		8	2	0				
SOMERSET 1 N	70.6	46.9	58.8		90	4+	20	31	279	2	0	7	0	0	.97		.46	2	.0	0		3	0	0				
SUMMER SHAOE	69.4	49.2	59.3		90	4	25	31	268	1	0	2	0	0	2.81		.86	1	T	0		7	3	0				
WILLIAMSTOWN	69.2	47.5	58.4	+.4	88	5	25	31		0	0	2	0	0	3.39	+.62	.91	15	.0	0		7	3	0				
WOLF CREEK OAM	70.7	46.5	58.6		93	6	25	31		1	0	3	0	0	2.26		1.11	2	.0	0		6	1	1				
DIVISION																2.89			T									
EASTERN DIVISION																												
ASHLAND OAM 29	71.9	48.5	60.2	2.1	91	5	30	31	250	2	0	2	0	0	2.15	-.33	.54	1	T	0		6	2	0				
BARBOURVILLE	74.5M	44.4M	59.5M		94	4	20	31	222	4	0	4	0	0	4.14		2.40	15	.0	0		4	2	1				
BAXTER	70.0	44.6	57.3		86	5+	24	31		0	0	6	0	0	2.20		.55	15	T	0		7	2	0				
BENHAM	70.7	43.4	57.1		90	6	23	31		1	0	8	0	0	2.29		.45	28	3.5	T	30+	7	0	0				
BEREA COLLEGE	70.8	48.8	59.8	1.2	90	4	24	31	270	1	0	4	0	0	.57	- 2.19	.20	29	T	0		2	0	0				
CORBIN CAA AIRPORT																												
CYNTHIANA 2	70.8	46.5	58.7		89	5+	23	31		0	0	6	0	0	1.98		.57	1	.0	0		6	1	0				
DEWEY OAM	71.5	45.5	58.5		90	5+	25	31		2	0	4	0	0	2.83		1.02	1	T	0		7	2	1				
FARMERS	72.2	46.0	59.1	2.5	91	4	23	31	270	2	0	6	0	0	2.41	-.50	.69	1+	T	0		5	2	0				
GRAYSON	70.4	43.5	57.0		90	4+	25	31	315	2	0	12	0	0	3.04		.80	15	T	0		7	2	0				
HEIOELBERG LOCK 14	71.9	45.2	58.6	1.0	91	4	21	31	273	1	0	6	0	0	1.79	- 1.08	.80	1	.0	0		3	2	0				
HINOMAN SETTLEMENT SCH	71.2	43.4	57.3		90	5	20	31		1	0	8	0	0	2.80		.49	29	T	0		8	0	0				
INEZ	72.2M	43.2M	57.7M		92	4+			301	2	0	8	0	0	1.70		.76	27	.0	0		4	1	0				
LONDON CAA AP																												
MANCHESTER 4 SE	71.4	44.1	57.8		90	5	21	31	285	1	0	8	0	0	4.10		1.95	16	.0	0		7	2	1				
MAYSVILLE OAM 33	68.9	47.1	58.0	+.5	88	5+	30	31		0	0	5	0	0	2.40	-.12	.50	27	T	0		9	1	0				
MILOESBORO	72.9	45.6	59.3	1.9	92	5	22	31	253	2	0	5	0	0	2.94	+.45	1.00	1	.0	0		8	2	1				
MOUNT STERLING	70.6	47.1	58.9	2.4	90	4	22	31	273	1	0	2	0	0	1.19	- 1.59	.24	29	T	0		5	0	0				
PIKEVILLE	73.7	48.3	61.0	1.1	93	4	25	31	223	4	0	1	0	0	1.09	- 1.60	.35	29	.0	0		4	0	0				
RICHMONO	71.2	47.9	59.6	+.2	90	5	23	31		1	0	3	0	0	1.27	- 1.43	.50	1	T	0		5	1	0				
VANCEBURG OAM 32	69.4	46.2	57.8		90	4+	27	31	298	2	0	4	0	0	3.09	+.45	.75	15	.0	0		9	2	0				
WEST LIBERTY WATER WKS	72.3M	43.0M	57.7M		90	4				1	0	8	0	0	2.71		1.40	28	T	0		3	2	1				
WILLIAMSBURG	73.2	46.0	59.6	+.3	96	5	24	31	247	2	0	5	0	0	3.85	1.18	1.73	15	T	0		7	2	1				
DIVISION																2.41			.2									
STATE																2.84												



# DAILY PRECIPITATION

KENTUCKY  
OCTOBER 1954

Table 3

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ADDISON OAN 45	4.75	.20	.05				.08	.02					1.40	1.42	.02	.30	.20	.03										.76	.02		.24	.01			
ADOLPHUS 1 N	2.92	.25	.48				.04	.10				.03		.02	1.08														.20		.12	.02			
ALBANY	2.05	.23	.86	T					.22				.04		.08			.14											.04	.19	.16	.09			
ALLEN	1.64	.52	.05														.38	.05											.30	.25	.22				
ANCHORAGE	3.41	.02	.01				.13						.56	.50	.08	.56	.40	.12									.46	.32	.12	.11	.02	T			
ASHCAMP	1.67		.15					T								.92	.05													.15	.30	.30	T		
ASHLAND DAM 29	2.15	.54	.04	.02			.02							T	T	.15	.24	.06	T										.52	.38	.18	T			
BARBOURVILLE	4.14	.84	.02													2.40	.01	.08	T										.35	.42	.02				
BARSTOWN S J PREP SCH	2.61	.02	.04				.06	.02					.34	.16	.07	1.44	.27			.03							.05	.04	.02	.18	.03	.04			
BAIXTER	2.20	.50	.05	.10				.05								.55	.10	.05												.40	.25	.15			
BEAVER OAN	1.51	.07											.24	.04	.90	.08													T	.10	.08				
BENHAM	2.29	.38		.06				T	.21				.01			.17	.06	.17		T								T	.05	.45	.32	.35	.06		
BEREA COLLEGE	.57	.02					.05					T				.09	.13											T	.08	.20	T				
BEREA WATER WORKS	2.52	1.60	.02					.12						T		.05	.06	.23											.02	.07	.24	.11			
BOWLING GREEN	1.77	.21	.17				.03						.04		T		.96	.04											.05	.03	.21	.03			
BOWLING GREEN SUBSTA	2.60	.36	.11				.02	.01								1.66	.05	.06												T	.03	.26	.01		
BOWLING GREEN CAA AP	1.60	.17	T								.00			T	1.18	T	.03													T	.01	.27	.05	T	
BRENT OAN 36	3.72	.16	T	.01	.05		.02	.01					.25	.90		1.05	.02	.13	.09									.07	.72	.19	.05				
BROWNSVILLE LOCK 6	3.25	.07	.05												.08	2.53	.03											.05	.17	.03	.24				
BURDINE 2 NE	1.74	T	.05													.35	.15													.40	.20	.20	.30		
BURKESVILLE	3.16	.07	1.75	T						T				T		.30	.64	.06	.11	T					T					.03	.04	.14	T		
CADIZ LOCK E	3.08		1.19				.86								.03	.06	.16	.06											.20	.10	.30	.03	.09		
CAMPBELLVILLE	2.02	.07	.11				.02						.44		.12	.19	.07	.09												.15	.13	.03	T		
CARROLLTON LOCK 1	3.89	.10	.06	T			.07						.33	.84	T	1.32	T	.14										.08	.65	.05	.25	T			
CLERMONT 1 SSE	3.64	.04					.04						.01	.79	1.36	.10	.89	.17											.15	.11	T	.18	T		
COLLEGE HILL LOCK 11	1.58	.75	T																.11										.02	.05	.35	.22	.08		
COLUMBIA	1.43	.38	.30										.45												T					.10	.20				
COVINGTON W B AIRPORT	4.13	.01	T	T		.26	.01						.44	.55	.03	1.42	.09	.16	.03	T							.03	.37	.49	.22	.02	T			
CUMBERLAND FALLS ST PK	2.24	.14	.86				.30									.34													.29	.15	.16				
CYNTHIANA	1.44	.43	.03				.01						.22	.28	.03	.14	.02	T											T	.34	.14	.20	T		
CYNTHIANA 2	1.98	.57	.05	T			.06						.23	.20	.02	.12	.03	.02											T	.40	.08	.20			
DANVILLE	2.65	1.16	.13						.11			T	.25	.03	.03	.31	T	.28										.03	.09	T	.15	.06	T		
DELPHIA 1 E	1.64						.18									.34	.37			.14										.61					
DENA	1.34	.11															.55	.11												.16	.21	.20			
DEWEY OAN	2.83	1.02	.05	T				T								.22	.21	.11											.05	.07	.60	.22	.28	T	
DIK OAN	2.37	1.10	.06	T									.10	.05	.05	.42	.06	.15												.14					
QUINCE BARRETT'S FORD BR	2.01	.33	.10			T							.32	.50	.25	.85	.07												.17	.05	.22	.03			
QUINOR	1.11		.31											.23	.05	.10	.90												.42						
QUINVILLE	1.88	.30														.90															.68				
EDDYVILLE LOCK F	4.18	.10	.76	.07			.20						.03	.29	.03	.54	.05									T	1.75	.10		.21	.05				
EDMONTON	2.00	.12	.55		.10								.27	.10	.70																.13	.03			
ELKHORN CITY	2.21	T	T					T									1.68														.15	.38			
FALMOUTH	3.89	.74	.03	.05	.02			T					.29	.59	.02	.96	.02	.13											.06	.61	.02	.23	.03	.02	
FARMERS	2.41	.69	.02				.12	.01					T	.01	.04	.69	.01	.65											.06	.39	.08	.10	.05		
FLEMINGSBURG	2.55	.38	.02										.37	.17		.11	T													.17	.83	.12	.22	.06	.10
FORD LOCK 10	1.49	.84	.05					T					.25	.03	T	.11	.05	.08												.11	.00	.04	.21	.07	T
FORDS FERRY OAN 50	3.22	.83	.22				.44	T					.49	T	.00	.47	.05	T									.01	.18	.10	.34	T				
FRANKFORT LOCK 4	3.23	.58	.03	.02			.02						.58	.46	T	.77	.07	.00											.06	.24	.12	.19	T		
FRANKLIN WATER WORKS	2.36	1.00	.45													.91																			
FREEBURN		RECORD MISSING																																	
FRENCHBURG	2.18	.57	.03		T			.01					T	T		.80	.07	.11											.05	.27	.12	.07	.08	T	
GEORGETOWN WATER WORKS	2.44	.46	.03				.03	.01					.48	.19	.01	.43	.08													.10	.38	.20	.02	.02	
GEST LOCK 3	4.11	.48	.01				.15						.64	.65	.05	1.02													.08	.62	.10	.01			
GLASGOW	3.24	.85	.35					.11					.20	.62		.11	.70	.04	.12												.16				
GLASGOW WKAY	2.26	.44	.05				.04						.54	T	.19	.70	.10	T	T												.08	.02	.17	.04	
GLENDALE	3.39	.28	.05				.03						.04	.22	.42																				

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
OCTOBER 1954

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RUMSEY LOCK 2	2.40	.48	.15	.04			.32						.10	.42	.05	.20	.10											.35	.05		.14			
RUSSELLVILLE	2.99	.39					.05					.90		.29	1.54													.08	.07		.23		.04	
RUSSELLVILLE SUBSTA	2.30		.29				.12								.05	1.69												.18						
ST JOHN BETHLEHEM ACAD	2.95	.72	.05				.19	.10					.11	.43	.02	.45	.15	.14										.09	.00		.23			
SALVISA LOCK 9	1.88	.14	.92				.91	.01					.34	.13	.93	.48	.03	.09										.10	.93	.00	.12	.05	T	
SALYERSVILLE 2	-	-	-														.95	.24										.02	.40	.22	.15			
SCOTTSVILLE	3.90	1.25	.15				.05					.18		.05	.00	1.25	.04											.34	.12	.07				
SEBREE	2.92	.20	.12	T			.29	.02						T	.03	.09	.18											.48	.89	T	.25	.07	T	
SHAWNEE STEAM PLANT	4.43	.20	.94				.34						.37			.33	.99											.05	1.75	.95		.32		
SHELBYVILLE 2 W	3.23	.40	.02				.12						.54	.43	.92	.91	.02	.05										.11	.39	.95	.15	.02	T	
SHEPHERDSTOWN	2.03	.35	.05			.08						.02	.26	.58		.07	.12	.00										.16	.03		.17	.04	.02	
SOMERSET 1 N	.07	.05	.49				T			.01					.91	.11													.91	.92	.26	.82		
SPRINGFIELD	2.12	.50										.10	.00		.94	.12												T	.07		.17	.09		
STEARNS	2.07	.48	.73	.70				.00					.90		.16	.83	.74	.12											.10	.11	.21	.12		
SUMMER SHADE	2.91	.89					.00																						.14				T	
SUMMER SHADE SUBSTA	4.97	1.37	.90				T	.04					.52	.02	.09	.75	.01	.07											.12	.01	.15	.02		
TAYLORSVILLE	4.30	.55	.03				.70	.01					.30	.88	.03	.00	.07	.13											.25	.29	.03	.17	T	
TOMPKINSVILLE 2	5.09	3.73					.07									1.11	.04												.08	.08				
TURKEY CREEK SCHOOL	4.55	.25	1.71	.21			.74					.94	.04	.03	.04	.35	.95										.90	.23	.27	.02	.35	.02	.11	
TYRONE LOCK 5	3.13	.48	.02				.03	T					.78	.14	.00	.98		.08											.12	.98	.10	.22	.04	T
UNIONTOWN DAM 40	3.29	.95	.12				.60	.04					.33	T	.12	.30	.10											.01	.48	.02		.23		
VALLEY VIEW LOCK 9	1.00	1.02	.09	T				T					.21	.02	.92	.10	.02	.00											.00	.04	.04	.14	.05	T
VANBUREN	3.90	.22	.05				.35						.80	.28	.25	.95	.10	.00											.11	.15	.04	.18	T	.94
VANCEBURG DAM 32	3.09	.29	T	.03			.12						.10	.92	.39	.75	.05	.13											.05	.90	.40	.20	.05	T
WAYNESBURG O E	1.11	.24						.20								T	.09	.97											.08	.20	.14	.03	T	
WEST LIBERTY WATER WKS	2.71	.43	.03										.88	1.44	T	1.40	T	.05											T	T	1.49	T	T	
WESTPORT	5.59	.05	.93	.10			.35	.95																					T	.12			T	
WILLIAMSBURG	3.05	.45	.40				.19									1.73	.15	.50											.10	.90	.15		.38	
WILLIAMSTOWN	3.39	.05	.10				.05					.39	.00			.91	.99	.05											.07	.92	.04	.18	.98	
WILLOW LOCK 13	2.98	.86	.04	.02				.02								.99	.98																	
WOLF CREEK DAM	2.20	.29	1.11				.01								.13	.35	.07													.03	.11	.14	.02	
WOODBURY LOCK 4	2.07	.13	.10				.02								.05	2.05	.95	.01										.09	.08		.29	.01		

# DAILY TEMPERATURES

KENTUCKY  
OCTOBER 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	81	82	88	88	88	77	60	69	77	83	83	83	78	78	57	52	65	59	58	58	63	65	69	73	73	68	65	54	51	43	44	68+8
	MIN	66	68	68	63	65	48	43	40	51	54	66	65	65	54	46	40	38	35	36	34	32	34	36	38	40	55	51	35	39	31	24	47+0
ASHLAND OAM 29	MAX	85	81	88	90	91	78	63	69	77	84	89	89	84	89	78	54	62	61	55	58	68	67	73	75	78	66	68	60	53	46	49	71+9
	MIN	68	69	64	63	64	57	41	38	55	55	61	61	64	62	48	38	41	41	38	32	38	35	33	39	40	53	58	38	46	34	30	48+5
BARBOURVILLE	MAX	89	78		94	93	90	70	69	75	83	85	86	90	88	85	65	67	68	63	63	68	72	74	80	80	76	73	67	64	44	45	74+5
	MIN	64	65		50	58	55	46	41	52	42	55	56	58	56	44	42	40	42	32	31	33	30	33	35	34	45	46	42	33	20		44+4
BAROSTOWN S J PREP SCH	MAX	83	86	90	91	91	91	60	70	77	85	85	87	84	81	71	54	67	67	58	58	64	68	71	76	76	74	72	63	53	44	43	72+3
	MIN	66	66	69	62	64	57	41	43	51	54	62	64	64	67	45	39	36	37	36	30	31	32	33	35	39	53	58	40	41	26	23	47+2
BAXTER	MAX	83	82	77	85	86	86	76	66	67	70	78	82	81	85	84	55	49	60	59	55	58	62	66	73	77	70	72	67	65	52	41	70+0
	MIN	65	65	63	58	58	62	48	37	46	50	50	53	57	57	47	40	47	37	32	31	31	32	36	34	35	36	41	45	45	35	24	44+6
BEAVER OAM	MAX	79	84	89	90	90	78	62	73	78	84	85	85	80	81	61	55	68	61	60	61	65	70	71	77	74	74	72	52	52	43	46	71+0
	MIN	65	68	68	64	67	57	44	42	50	56	65	66	66	55	42	41	37	44	35	33	31	32	34	34	44	55	51	46	40	26	25	47+8
BENHAM	MAX	85	82	85	87	88	90	74	65	63	75	82	86	82	87	83	57	50	65	57	52	55	61	66	68	77	77	73	64	65	52	38	70+7
	MIN	65	63	58	56	60	61	45	35	37	48	53	58	58	62	47	39	34	38	30	26	29	27	29	30	29	34	48	45	44	33	23	43+4
BEREA COLLEGE	MAX	87	83	87	90	89	77	61	69	72	83	83	85	86	83	75	53	65	59	60	59	62	67	73	76	77	73	65	61	54	39	42	70+8
	MIN	67	69	69	67	68	55	40	42	58	59	65	69	68	69	46	40	40	43	32	28	34	34	35	37	42	47	57	41	37	30	24	48+8
BOWLING GREEN CAA AP	MAX	85	85	88	89	91	72	62	69	77	83	83	84	75	81	60	57	68	62	59	60	66	68	71	78	76	70	64	55	50	43	44	70+2
	MIN	65	69	69	64	68	51	46	54	60	56	66	68	67	52	43	41	37	43	38	35	32	34	34	38	43	55	49	41	33	29	25	48+5
CAMPBELLVILLE	MAX	86	85	87	91	91	82	62	68	76	82	80	84	79	80	75	52	65	64	59	60	65	69	75	78	75	72	68	56	51	42	43	71+0
	MIN	66	67	67	63	68	56	42	47	55	56	62	65	66	67	47	39	37	41	35	34	33	33	35	38	41	57	55	41	40	26	25	48+5
CARROLLTON LOCK 1	MAX	81	81	88	89	90	85	58	71	76	84	84	83	79	78	76	53	64	62	55	56	63	65	68	72	74	70	66	55	51	42	42	69+7
	MIN	66	68	69	67	65	54	41	38	53	59	68	65	66	49	47	40	42	37	38	30	35	35	35	35	38	56	54	36	41	35	26	48+0
CLERMONT 1 SSE	MAX	81	86	90	93	92	82	60	74	80	85	85	87	80	81	75	55	68	61	58	59	65	70	72	77	77	72	67	55	52	42	45	71+8
	MIN	66	67	69	67	63	56	40	39	49	54	66	66	64	66	45	39	38	32	31	28	28	30	30	32	36	53	52	38	39	26	23	46+2
CORBIN CAA AIRPORT	MAX																																
	MIN																																
COVINGTON W 8 AIRPORT	MAX	80	80	87	88	88	60	57	70	75	81	83	82	78	76	56	51	60	55	55	59	62	67	72	74	74	63	64	53	49	37	39	66+9
	MIN	67	66	69	68	59	48	39	42	53	59	62	67	66	49	41	39	38	37	37	32	35	37	38	38	45	55	40	32	36	30	27	46+8
CYNTHIANA 2	MAX	85	84	83	88	89	89	60	61	73	77	84	83	85	77	82	59	53	65	60	58	60	64	68	73	76	77	66	67	59	50	40	70+8
	MIN	68	68	68	65	62	59	40	34	53	57	62	63	62	67	48	40	38	34	35	28	32	30	30	31	33	41	58	33	43	35	23	46+5
DANVILLE	MAX	85	85	86	86	92	90	71	64	70	78	83	81	85	78	80	62	51	65	61	59	60	65	70	75	78	77	70	65	59	47	40	71+5
	MIN	65	66	66	65	66	68	39	40	50	56	58	62	65	65	45	38	38	38	34	32	34	34	35	37	40	48	56	35	38	28	23	47+2
DEWEY OAM	MAX	78	86	80	88	90	90	77	63	73	75	82	86	86	85	88	52	54	64	60	56	58	61	69	75	77	78	73	66	54	52	41	71+5
	MIN	65	68	63	69	59	63	42	34	37	53	51	53	55	58	51	37	35	38	31	31	31	35	35	37	38	44	52	42	43	37	25	45+5
DIX DAM	MAX	84	84	86	89	89	82	59	69	78	83	80	85	78	80	76	51	64	58	56	57	63	67	71	75	76	71	69	58	53	45	40	70+2
	MIN	61	68	66	64	67	56	39	42	54	56	62	62	66	66	46	39	38	38	35	33	34	35	35	39	42	55	56	37	42	28	23	47+9
FARMERS	MAX	85	85	88	91	90	85	60	70	78	84	83	87	80	85	80	55	65	61	57	58	63	68	73	76	77	72	69	64	57	47	44	72+2
	MIN	66	67	63	59	61	57	40	35	52	52	55	61	64	61	48	39	37	39	30	29	33	28	31	32	33	51	60	38	45	36	23	46+0
FORDS FERRY OAM 50	MAX	75	85	90	91	90	79	60	74	79	85	84	83	82	77	60	53	71	62	58	60	65	70	70	78	67	75	65	55	53	43	44	70+4
	MIN	68	69	70	66	69	57	46	45	55	60	66	63	66	66	56	43	42	38	44	41	39	38	39	41	43	52	60	42	42	31	30	50+7
FRANKFORT LOCK 4	MAX	82	81	83	89	90	90	64	60	71	78	84	82	85	78	80	61	53	65	60	58	60	66	70	72	74	76	69	67	56	52	41	70+9
	MIN	68	69	67	63	64	62	43	38	43	54	54	64	64	67	49	40	40	39	38	32	32	36	36	36	36	3						



# DAILY TEMPERATURES

KENTUCKY  
OCTOBER 1954

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAISONVILLE 1 SE	MAX	79	90	90	90	90	81	63	75	79	85	85	86	83	79	60	51	70	65	60	62	69	72	72	79	72	75	66	63	51	44	45	72.0
	MIN	64	68	71	68	66	59	46	43	53	58	69	66	66	55	45	42	38	46	37	35	32	34	35	35	43	56	51	46	45	30	33	49.5
MAMMOTH CAVE PARK	MAX	85	86	89	90	91	84	63	69	76	83	82	85	80	80	73	53	67	63	59	61	67	70	71	77	75	70	69	57	49	46	43	71.4
	MIN	66	66	69	62	65	58	43	45	54	57	65	67	66	65	43	40	38	43	34	30	30	31	33	33	36	40	54	56	45	43	26	24
MANCHESTER 4 SE	MAX	88	78	89	89	90	76	62	70	73	83	85	85	86	86	72	54	64	60	55	59	64	67	74	75	78	75	67	65	57	43	45	71.4
	MIN	65	67	60	56	61	58	43	37	51	46	50	53	58	55	46	40	33	39	30	30	31	28	32	32	33	47	50	42	41	32	21	44.1
MAYFIELD 2 S	MAX	86	87	89	88	90	83	61	75	78	85	85	85	81	74	62	57	72	65	57	61	67	69	72	78	71	74	66	55	51	46	47	71.5
	MIN	67	67	69	66	69	59	45	47	53	60	68	66	61	55	39	38	37	47	37	36	35	38	40	43	51	58	52	45	40	28	33	50.0
MAYSVILLE OAM 33	MAX	81	82	78	86	88	88	60	62	71	76	83	81	86	78	87	54	49	62	56	53	56	60	65	67	70	77	65	67	57	50	40	68.9
	MIN	66	68	66	64	64	59	42	37	59	56	56	62	63	66	49	44	40	40	35	32	31	34	33	35	38	37	55	38	31	31	30	47.1
MIDDLESBORO	MAX	79	78	87	91	92	88	70	67	70	82	85	85	87	86	82	54	63	65	59	62	65	69	76	74	76	73	76	67	61	45	47	72.9
	MIN	66	67	62	57	63	64	50	43	51	45	51	57	60	57	48	37	35	40	31	29	32	29	33	34	34	43	50	48	43	34	22	45.6
MOUNT STERLING	MAX	86	80	88	90	89	78	59	69	76	83	79	87	78	84	73	51	64	64	59	58	64	67	73	76	78	72	66	60	51	43	44	70.6
	MIN	65	66	65	64	65	53	38	38	53	53	61	64	64	63	46	38	36	40	34	32	36	33	36	39	40	53	54	35	41	33	22	47.1
MURRAY	MAX	76	89	93	92	92	76	63	76	80	86	86	86	80	78	65	57	74	66	60	62	67	71	72	78	70	75	70	60	50	49	47	72.5
	MIN	67	65	66	67	65	61	48	49	51	57	68	69	64	56	42	41	36	46	36	33	32	33	34	36	45	57	55	47	42	28	35	49.4
OWENSBORO 2 W	MAX	79	84	90	90	90	80	62	74	78	84	85	83	80	78	58	51	70	62	59	62	67	70	72	72	72	75	65	51	51	41	45	70.3
	MIN	65	68	69	65	69	58	44	44	51	58	66	66	66	55	42	40	38	39	36	37	32	34	35	39	44	57	51	38	42	26	27	48.4
PAOUCAH CAA AIRPORT	MAX	73	85	89	88	89	72	60	73	78	84	84	81	81	74	61	57	71	64	59	62	66	70	72	78	61	72	64	49	50	44	45	69.5
	MIN	69	70	72	66	70	59	46	51	56	63	67	66	63	48	41	42	41	42	35	36	34	36	38	39	52	60	49	39	34	32	31	49.9
PAOUCAH	MAX	83	73	83	91	92	89	71	62	75	80	85	86	81	83	74	61	55	68	64	59	62	66	70	72	75	73	73	58	50	50	44	71.2
	MIN	68	69	69	66	65	69	48	48	52	55	60	66	63	61	43	43	38	39	39	39	35	36	38	40	40	49	59	39	44	33	34	49.9
PIKEVILLE	MAX	90	80	92	93	91	79	68	72	75	85	89	88	85	89	74	53	67	60	55	64	68	70	76	81	81	77	71	66	57	44	45	73.7
	MIN	69	70	67	62	65	62	54	54	57	54	54	57	59	60	49	40	39	44	36	34	38	35	39	37	36	49	57	45	44	38	25	48.3
PRINCETON	MAX	74	88	90	91	93	78	64	75	79	85	86	85	83	77	63	54	73	66	62	69	64	76	76	79	68	75	63	50	52	45	45	71.9
	MIN	64	68	65	63	65	52	45	43	48	55	64	64	64	55	40	40	31	48	38	30	35	33	34	34	42	50	49	45	42	26	25	47.0
RICHMOND	MAX	83	86	86	85	90	89	71	61	69	76	82	82	85	82	82	58	52	64	61	59	59	63	68	74	76	76	72	66	60	45	45	71.2
	MIN	65	68	68	66	68	69	40	40	52	56	62	66	66	63	48	40	39	41	36	32	33	32	34	34	36	44	51	37	43	33	23	47.9
RUSSELLVILLE	MAX	76	85	89	89	91	76	62	73	78	84	83	85	81	80	62	55	69	68	63	60	63	68	70	76	74	73	65	54	51	45	46	70.8
	MIN	62	65	68	64	65	56	43	47	51	55	64	65	68	55	39	39	37	35	31	30	28	29	30	29	39	54	51	45	39	26	26	46.3
ST JOHN BETHLEHEM ACAA	MAX	83	80	83	88	91	90	70	58	70	77	83	82	84	77	78	58	52	65	58	56	57	62	66	68	75	74	73	62	53	50	40	69.8
	MIN	70	69	69	63	66	68	42	40	51	55	59	67	67	67	45	40	39	41	37	36	33	35	36	38	44	47	57	39	41	26	26	48.8
SCOTTSVILLE	MAX	86	85	89	90	92	82	62	68	77	83	83	84	77	82	78	55	69	65	58	59	65	67	73	77	74	73	65	56	48	47	44	71.4
	MIN	66	68	69	65	69	58	46	53	55	59	66	65	67	66	44	40	37	48	34	33	33	33	35	40	48	57	55	45	43	28	29	50.1
SHELBYVILLE 2 W	MAX	80	81	88	89	90	82	61	71	77	83	83	83	79	78	75	51	64	59	57	59	62	67	71	75	75	68	67	54	51	42	42	69.8
	MIN	69	69	68	65	66	53	40	42	51	56	63	64	65	68	46	40	39	38	37	34	34	36	37	42	43	55	53	41	32	24	24	48.5
SOMERSET 1 N	MAX	86	80	87	90	90	80	62	67	73	82	83	85	84	82	73	51	64	59	59	60	64	68	74	76	75	74	68	60	51	42	40	70.6
	MIN	65	66	64	62	64	56	42	44	56	53	63	65	65	61	46	39	37	46	35	32	31	29	31	32	34	52	53	42	42	28	20	46.9
SUMMER SHADE	MAX	87	84	88	90	89	74	61	66	75	82	80	84	75	79	68	52	65	59	57	58	63	65	71	77	75	73	65	57	47	40	44	69.4
	MIN	67	67	69	66	66	56	42	51	56	57	66	66	66	64	45	40	37	46	36	35	34	34	35	39	45	56	51	44	36	27	25	49.2
VANCEBURG OAM 32	MAX	83	77	87	90	90	80	58	71	77	78	85	88	78	85	70	48	61	57	55	57	62	67	69	71	75	69	69	57	53	47	37	69.4
	MIN	64	66	62	64	61	53	37	37	52	53	60	60	63	63	45	39	35	40	32	31	35	34	34	36	37	51	53	39	41	29	27	46.2
WEST LIBERTY WATER WKS	MAX	85	87	82	90	88		72	60	76	80	82	87	88	86	80			65	58	60	60	65	66	70	80	75	65	67	53	54	43	72.3
	MIN	60	62	55	56	55		45	32	36	50	50	52	50	50	45	42	40	40	33	25	28	30	30	35	38	36						43.0
WILLIAMSBURG	MAX	84	79	89	90	96	84	69	73	83	85	84	83	84	85	74	59	65	68	66	69	60	60	72	73	75	77	75	64	56	43	45	73.2
	MIN	61	67	65	60	63	57	45	44	54	54	55	53	59	56	47	39	36	35	32	31	34	31	33	34	36	49	54	48				

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
OCTOBER 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ASHLAND DAM 29	SNOWFALL SN ON GND																														T	T
BENHAM	SNOWFALL SN ON GND																T	T													2.0 T	1.5 T
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																												T	T	T	
DANVILLE	SNOWFALL SN ON GND																															T
DEWEY DAM	SNOWFALL SN ON GND																															T
FARMERS	SNOWFALL SN ON GND																														T	
HINDMAN SETTLEMENT SCH	SNOWFALL SN ON GND																														T	
IRVINGTON	SNOWFALL SN ON GND																															T
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV																													T	T	.1
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV																	T												T	T	T
MAMMOTH CAVE PARK	SNOWFALL SN ON GND																															T
MAYSVILLE DAM 33	SNOWFALL SN ON GND																														T	
OWENSBORO 2 W	SNOWFALL SN ON GND																	T													T	
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND																													T		
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND																		T													

## STATION INDEX

KENTUCKY  
OCTOBER 1934

Station	Index No.	County	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADDITION DAM 45	0091 BRECKINRIDGE		7 37 33	86 34	380	7A			CORPS OF ENGINEERS	3 C
ADOLPHUS 1 N	0049 ALLEN		3 36 39	86 16	600	7A			IDELL M. DEARINO	3 C
ALLEN	0093 CLINTON		2 30 41	85 08	960	7A			MRS. BARBARA M. COOL	3 C
ANCHORAGE	0093 FLOYD		1 37 33	82 43	630	6A			MANNIE AUXIER	3 C
	0155 JEFFERSON		7 36 16	85 33	700	7P			C. E. BARRET	2 3 3
ASHCAMP	0245 PIKE		1 37 13	82 23	1100	6A			MARY S. RATLIFF	3 C
ASHLAND DAM 29	0234 BOYD		7 30 27	82 33	551	3P			CORPS OF ENGINEERS	2 3 7
BARBOURVILLE	0091 KNOX		3 36 32	83 33	1000	6P			UNION COLLEGE	2 3 5 C
BARSTOWN S. J. PREP SCH	0397 NELSON		8 37 40	85 28	637	6P			ST. JOSEPH PREP SCH	2 3 5
BAXTER	0450 HARLAN		2 33 51	82 20	1164	7A			C. HONER NOLAN	2 3 5 C
BEAVER DAM	0490 ONIO		3 37 23	86 32	441	6P			E. G. YOUNG	2 3 7
BEHAM	0593 HARLAN		2 38 00	82 37	1380	8A			C. C. WHITEAKER	2 3 7
BENTON	0611 MARSHALL		5 33 51	86 20	395	6P			JAMES M. MILLER	2 3 7
BEEBA COLLEGE	0619 MADISON		4 37 34	84 18	1070	6P			JAMES A. GROSSMAN	2 3 5 C
BEEBA WATER WORKS	0624 TAYLOR		4 37 33	84 13	1010	7A			MRS. LAURA S. GABBARD	2 3 5 C
BOWLING GREEN	0904 WARREN		3 37 00	83 26	536	7A			JAMES R. EDWARDS	2 3 7
BOWLING GREEN SUBSTA	0907 WARREN		3 37 01	83 26	470	7A			ALVA M. KINLEY	2 3 7
BOWLING GREEN CAA AP	0905 WARREN		3 33 50	83 26	335	MID			CIVIL AERO. ADM.	2 3 7
BOWLING GREEN WTR NKS	0914 WARREN		3 37 00	83 23	305	MID			CITY BOWLING GREEN	2 3 7
CAMPBELLVILLE	0973 CAMPBELL		7 38 05	84 23	437	7A			CORPS OF ENGINEERS	3
BROWNVILLE LOCK 3	1049 EDMONSON		3 37 12	83 15	410	7A			STINSON SKAGGS	3
BURDINE 2 NE	1120 PIKE		1 37 13	82 35	1348	6A			EDWIN E. JOHNSON	3
BURKESVILLE	1137 CUMBERLAND		2 36 47	83 22	600	7A			MARVIN M. LEE	3
CADIZ LOCK E	1206 TRIGG		2 33 46	87 38	424	7A			CORPS OF ENGINEERS	2 3 3
CAMPBELLVILLE	1230 TAYLOR		3 37 20	85 21	777	6P			ALVA M. KINLEY	2 3 3
CARROLLTON LOCK 1	1343 CARROLL		4 38 41	85 11	480	6P			CORPS OF ENGINEERS	2 3 5 C
CENTRAL CITY	1493 MUMFLEIGH		3 37 17	87 07	433	5P			JAMES P. RICE	2 3 5
CLEMMONT 2 3SE	1611 BULLITT		8 37 53	89 40	476	3P			BERNHARDT FOUNDATION	2 3 5
CLINTON	1703 WOODSON		3 36 59	89 00	437	5P			KEY DEPT. OF CONS.	2 3 5
COLLEGE MILL LOCK 11	1704 ESTILL		4 37 47	84 06	611	7A			CORPS OF ENGINEERS	3
COLUMBIA	1722 ADAMS		3 37 08	83 18	729	7A			MRS. MAZEL B. PICKETT	2 3 5
CORBIN CAA AIRPORT	1801 WHITLEY		2 36 58	84 08	1173	MID			CIVIL AERO. ADM.	CLOSED 10/34
CORBIN NB AIRPORT	1833 BOONE		7 39 04	84 40	869	MID			U.S. WEATHER BUREAU	2 3 5 7 C
CUMBERLAND FALLS ST PK	1989 WHITLEY		3 36 59	84 19	1070	5P			KEY DEPT. OF CONS.	2 3 5
CYNTHIANA	1998 HARRISON		3 38 23	84 10	684	7A			MARSHALL HILL	3
CYNTHIANA 2	2003 HARRISON		3 38 23	84 17	719	6A			R. CARDINAL DAIRY	2 3 5
DANVILLE	2040 BOYLE		4 37 39	84 48	933	7A			R. P. COLBIDEN	2 3 5 7
DAVELLA	2033 MARTIN		1 37 48	82 32	718	MID			RENTA M. DE LONG	3 C
DELPHIA 1 E	2132 PERRY		4 37 02	87 07	1347	7A			GENE T. HILTON	3
DEMA	2139 KNOTT		1 37 23	82 48	830	5P			MATTIE B. BARNEY	3
DENEY DAM	2180 FLOYD		1 37 43	82 47	633	7A			CORPS OF ENGINEERS	2 3 5 6 7 C
DIX DAM	2214 HERRICK		4 37 40	84 43	917	4P			C. N. WILLIAMS	2 3 6 C
DUNDEE BARRETT'S FORD BR	2354 BOYD		7 38 23	84 43	630	5P			KEY DEPT. OF CONS.	2 3 6 C
DUNNOR	2368 MUMFLEIGH		4 37 05	87 00	610	7A			M. D. GIVENS	3
DUNNORVILLE	2374 CASEY		3 37 13	84 35	—	8A			LINNIE D. TARTER	3
DYER	2391 BRECKINRIDGE		3 37 43	86 13	793	MID			LENA BLAIR	3
EDDYVILLE LOCK F	2443 LYON		2 37 05	86 05	420	7A			CORPS OF ENGINEERS	3 C
EDMONTON	2469 MCALPHE		3 37 07	85 37	165	7A			JOHN E. MORAN	3
ELKHORN CITY	2528 PIKE		1 37 18	82 21	600	6A			MRS. KELSIE SCAMMELL	3
FALMOUTH	2775 PENDELTON		3 36 40	84 20	560	7A			FRANK H. LANSON	3
FARNERS	2731 RONAN		3 38 09	83 33	666	6P			MRS. C. C. STAMPER	2 3 5 7
FLEMINGSBURG	2805 FLEMING		5 38 25	83 43	870	7A			MRS. JEAN FLEMING	3 C
FLEMINGSBURG 2	2905 FLEMING		5 38 25	83 43	830	MID			MAURICE B. CARPENTER	3
FORD LOCK 10	2933 MADISON		4 37 34	84 16	660	6P			CORPS OF ENGINEERS	2 3 7 C
FORDS FERRY DAM 50	3251 CRITTENDEN		7 37 20	86 05	356	6P			CORPS OF ENGINEERS	2 3 7 C
FRANKFORT LOCK 4	3028 FRANKLIN		4 38 14	84 52	504	6A			CORPS OF ENGINEERS	2 3 5 C
FRANKLIN WATER WORKS	3035 SIMPSON		3 36 56	84 34	581	6A			HERMAY D. NEAL	3
FREEBURN	3046 PIKE		1 37 34	82 08	727	7A			JOHN E. TANNER	3
FREUNBURG	3032 MENIFEE		5 37 37	83 39	930	7A			FRECHBURG SCHOOL	3
GEORGETOWN WATER WORKS	3194 SCOTT		4 38 12	84 33	680	6A			JOE M. ATKINS	3
GEST LOCK 3	3203 HERRICK		4 38 25	84 53	490	7A			CORPS OF ENGINEERS	3 C
GLASGOW	3241 WARREN		3 37 00	85 55	780	6P			EMILY M. BEAN	3
GLASGOW WKAY	3246 BARREN		3 37 00	85 55	808	6P			RADIO STATION WKAY	2 3 3
GLENDALE	3232 MARDIN		3 37 35	85 55	700	7A			DAVID M. BELL	3
GOLDEN POND 8 N	3233 TRIGG		2 36 34	86 00	538	4P			FISH & HULP REFUGE	2 3 5
GRANT DAM 38	3338 BOONE		7 38 59	84 30	509	7A			CORPS OF ENGINEERS	3
GRAYSON	3391 CARTER		2 38 13	82 37	369	7P			SHIRLEY I. STATEN	2 3 3
GREENSBURG	3430 GREEN		3 37 15	85 30	630	7A			HONARD PICKETT	2 3 0
GREENSBURG MINAY 51 BR	3433 GREEN		3 37 15	85 30	390	7A			MRS. ADA L. COX	3
GREENUP DAM 30	3443 GREENUP		7 38 37	82 31	330	7A			CORPS OF ENGINEERS	3
GREENVILLE 2 N	3481 MUMFLEIGH		3 37 12	87 12	519	5P			C. R. LOVELL	2 3 3
HALES HILL	3559 CHRISTIAN		3 37 05	87 20	740	MID			CLEATUS E. DRINKLEY	3
HARTFORD 6 NW	3532 ONIO		3 37 32	86 34	429	8A			DAVID R. CARSON	3
HAZARD	3709 PERRY		4 37 13	82 12	849	MID			M. M. A. BAILEY	3
HAZARD WATER WORKS	3714 PERRY		4 37 13	83 11	840	7A			BURCHELL MURCY	3
HEIDELBERG LOCK 14	3741 LEE		4 37 33	83 46	543	3P			CORPS OF ENGINEERS	2 3 7 C
HENDERSON 4 SM	3752 HENDERSON		7 37 47	87 37	302	5P			FRANK STREET	2 3 7
HENDERSON	3786 CHRISTIAN		2 35 44	87 34	512	MID			C. N. KEATTS	2 3 3
HICKMAN 1 E	3709 FULTON		5 35 34	83 10	—	7A			MRS. WELLS S. CALVIN	2 3 3
HICKSVILLE	3821 GRAYSON		3 35 48	88 30	340	7A			TVA-573	3
HIGH BRIDGE LOCK 7	3837 JESSAMINE		4 37 43	84 43	544	3A			CORPS OF ENGINEERS	2 3 5
HINDMAN SETTLEMENT SCH	3899 KNOTT		4 37 20	82 39	1080	8A			ELIZABETH HATTS	2 3 5 7
HOGGINSVILLE NAT PARK	3923 LARUE		3 37 32	85 44	788	MID			ERNEST L. NIGHT	2 3 5 7
HOPKINSVILLE	3994 CHRISTIAN		2 35 31	87 30	540	7A			MENELL F. SMITH	2 3 5 7
HYDEN	4093 LESLIE		4 37 10	83 22	830	7P			MRS. FOREST CAMPBELL	3
INEZ	4134 MARTIN		1 37 02	82 32	690	5P			UNITED FUEL GAS CO	2 3 5
IRVINGTON	4153 BRECKINRIDGE		3 37 33	86 17	545	7P			FLOYD G. ROBBINS	2 3 5 7
JACKSON	4136 BREATHTING		4 37 33	83 23	749	7A			MRS. MAE JETT	3
JEREMIAH	4255 LETCHER		4 37 30	82 55	1130	5P			HOBART LSON	3
KEENE 2 N	4369 JESSAMINE		4 37 30	84 38	380	7A			HUGH J. CARROLL	3
KENTUCKY DAM	4414 LIVINGSTON		3 37 01	86 15	352	6A			TVA-379-A	3
LANCASTER	4620 GARRARD		4 37 37	84 55	1092	8A			KENTUCKY UTIL CO	3
LAURA	4942 MARTIN		1 37 45	82 25	—	8A			JAMES A. FIELDS	3
LEITCHFIELD	4705 GRAYSON		3 37 29	85 15	533	6P			GEORGE D. LITSEY	2 3 3
LEXINGTON NB AIRPORT	4746 FAYETTE		4 38 02	84 35	975	MID			U.S. WEATHER BUREAU	2 3 5 7 C

1-BIG BEND; 2-CUMBERLAND; 3-GREEN; 4-KENTUCKY; 5-LICKING; 6-MISSISSIPPI; 7-ONIO; 8-SALT; 9-TENNESSEE



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Date in Tables 3, 5 and 6 and snowfall date in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. M.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of wet snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

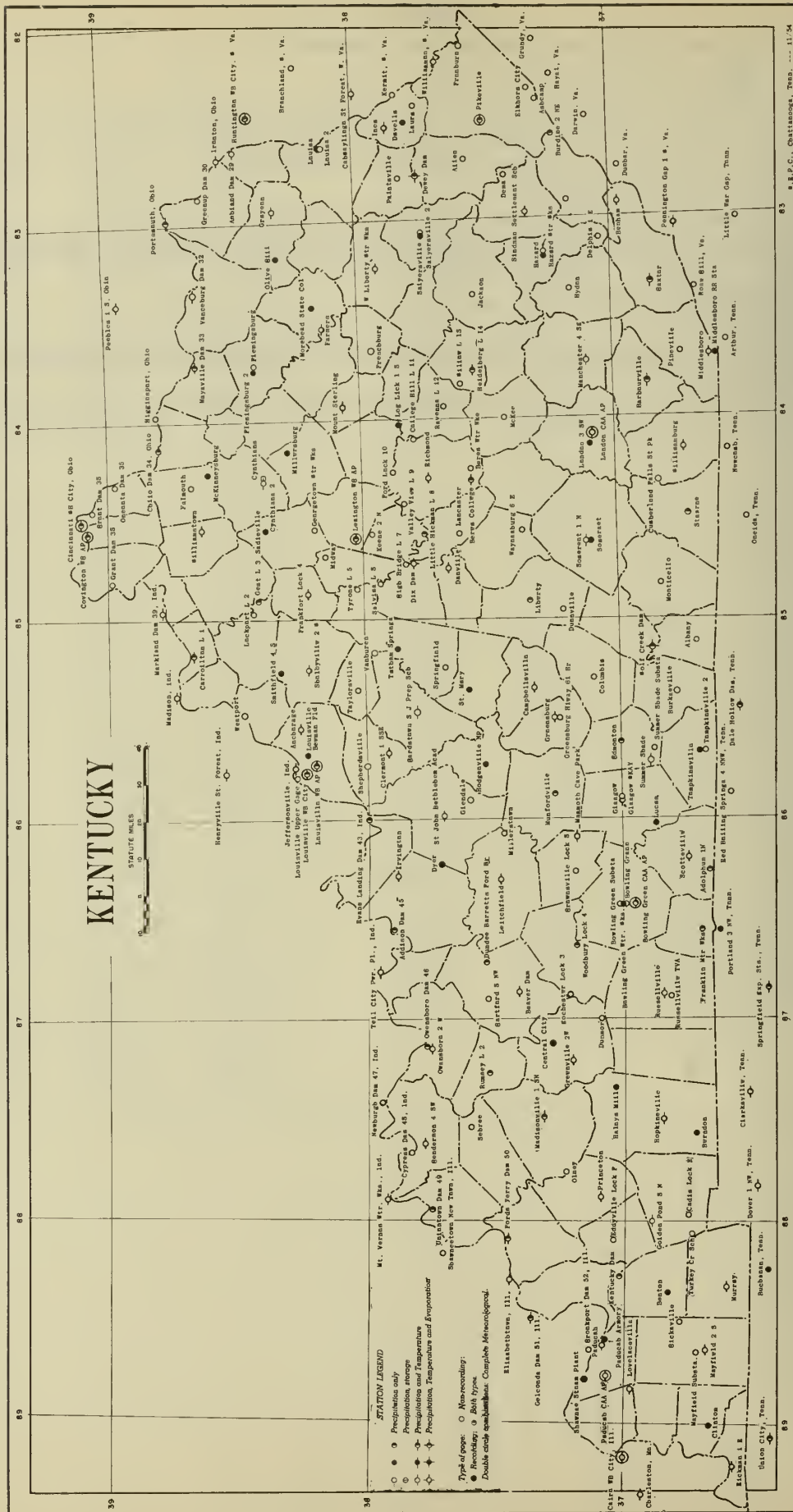
R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

T Trace, an amount too small to measure.

V Includes total for previous month.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

N.W.B.C., Asheville, N. C. --- 12/6/54 --- 800



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

- STATION LEGEND**
- Precipitation only
  - Precipitation, temperature
  - Precipitation and temperature
  - Precipitation, temperature and propagation
- Type of site: ○ Non-recording;  
● Recording; ○ Both types  
Double circle ambulatory. Complete Meteorological.

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49"

*Nat. Hist.*

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

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F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY

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## WEATHER SUMMARY

A return to dry weather after three months of above normal precipitation, and below normal temperatures were the principal weather features in November. The Western Division was extremely dry with an average of only 0.95 inch as compared with the State average of 1.89 inches which of itself was 1.57 inches below normal. The monthly extremes of precipitation were 3.74 inches at Albany and Delphia 1 E, and 0.43 inch at Murray. 2.04 inches at Columbia on the 19th was the greatest daily amount. The greatest monthly snowfall in the State was 7.0 inches at Manchester 4 SE. Temperatures averaged 45.1°, 1.2° below normal, and ranged from 80° at Barbourville on the 17th to 11° at Manchester 4 SE and Somerset 1 N on the 3rd. The lowest temperatures occurred during the first week, and the highest readings came in the third week, to reverse the usual Fall progression of temperatures.

The first four days were cold and windy, with snowfall amounting to one to six inches in central and eastern sections, and general light rains elsewhere in the state. A succession of Arctic and Polar air masses kept temperatures well below normal through the 5th over much of the state, with the cold lingering a day longer in the Eastern Division. Gradual warming began in west portions on the 6th aided by light winds and sunshine, bringing average temperatures to near normal over the state on the 7th and to well above normal for the period 14th-19th. A dry period began on the 5th and continued without reports of measurable precipitation, except for scattered amounts along the southern border, until a large low pressure system approaching from the west caused widespread rains, mostly light, on the 18th-20th. Following the passage of the Low center up the Ohio Valley on the 20th, temperatures dropped to near-normal levels with cloudy skies, light to moderate north-westerly winds, and a few sprinkles of rain. Seasonably cold weather continued while a strong Low center, moving south-eastward from western Canada, crossed the Great Lakes, and its accompanying frontal system produced general light rains as it crossed the state on the 23rd. Scattered, light rains with little change in temperature continued while the Low center became stationary in the

lower Lakes region. This Low center dissipated as another rather strong disturbance with several centers reaching from Minnesota to the Gulf dominated the weather, extending the light rains through the 27th-28th. Minor warming occurred on the 27th-28th followed by a return to subnormal temperatures the last two days of the month, as a strong high pressure system moved over the southeastern quarter of the country.

The second and third weeks were generally favorable for field work. Corn harvest and fall seedings of grains and cover crops were mostly completed. Tobacco stripping was well advanced and about 75 per cent completed with considerable amounts delivered to markets. Pastures improved to above average condition for the season and fall-sown rye provided some forage. Topsoil moisture was adequate in all sections and fall grains made favorable growth after the rains in the latter part of the month.

The effects of the summer heat and drought are revealed in the Kentucky Annual Crop Summary, issued by the Agricultural Marketing Service of the U. S. Department of Agriculture. That report advised that drought damage to crops was very spotted but was generally most severe in counties from the Tennessee River westward. Yields of corn and hay were extremely variable, even within counties, throughout much of the state. The corn crop was nearly five million bushels less than in 1953, and quality was not so good in some areas. Hay production fell below average for the third consecutive year. The principal hay crop, lespedeza, was damaged most by the drought. Tobacco was revived by the rains in August and September and most of the types grown in Kentucky set record high yields. With good curing weather the total tobacco crop was well above average this year. Due to favorable growing weather in the Spring and nearly ideal harvesting conditions in the dry summer all small grains produced record high yields per acre.

Water levels in the unpumped area southwest of Louisville remained relatively low and were record-low in several wells, according to the U. S. Geological Survey.

J. E. Stork

# SUPPLEMENTAL DATA

KENTUCKY  
NOVEMBER 1854

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSE	18	11.0	-	-	-	84	87	60	78	3	1	8	1	0	0	13	-	8.8
LOUISVILLE WB AP	SE	11	7.0	34	W	24	83	88	82	72	7	4	8	0	0	0	17	44	8.3

# COMPARATIVE DATA

NOVEMBER

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	
1889	43.1	85	10	8.04	-	
1890	46.8	81	18	4.87	-	
1891	43.5	75	10	8.04	-	
1892	42.8	78	8	3.65	-	
1893	44.3	78	- 2	3.12	-	
1884	43.3	80	8	1.32	-	
1895	45.8	85	16	4.28	-	
1888	49.3	80	11	5.01	-	
1897	47.8	78	12	4.88	T	
1898	43.2	80	10	2.78	0.5	
1888	48.8	78	20	2.12	T	
1900	47.0	83	15	7.76	1.0	
1801	41.8	82	11	1.52	T	
1902	42.5	80	20	4.42	0.3	
1803	42.5	81	5	3.01	2.0	
1804	44.7	78	14	0.88	T	
1805	48.4	78	14	3.55	T	
1808	48.1	93	11	5.02	2.3	
1907	44.2	75	15	3.48	0.1	
1808	48.8	80	8	2.81	0.2	
1808	54.7	88	18	2.28	T	
1910	41.1	78	11	2.04	T	
1911	41.8	85	8	4.51	0.8	
1812	45.2	82	10	1.22	0.2	
1813	50.5	81	8	3.25	0.8	
1914	48.8	83	5	1.23	0.4	
1815	48.8	85	18	4.80	0.4	
1918	47.8	83	8	1.52	T	
1817	44.3	78	11	1.23	0.1	
1818	48.1	77	18	1.80	0	
1818	47.4	78	16	7.31	T	
1820	44.7	78	10	2.21	2.8	
1821	48.8	78	20	7.88	T	
1822	48.3	87	10	1.83	0.4	
1923	48.4	75	16	3.65	0	
1824	47.7	83	13	1.82	0.1	
1925	44.9	73	8	5.13	0.1	
1926	42.8	80	0	3.40	2.0	
1827	51.3	82	13	5.01	0.1	
1828	48.8	78	10	3.83	T	
1929	44.8	81	- 8	4.03	3.0	
1830	47.1	88	- 4	1.82	1.0	
1831	55.0	84	18	3.52	T	
1832	43.8	78	11	2.71	0.4	
1933	45.5	85	10	1.54	T	
1834	50.5	84	14	2.85	T	
1835	47.3	85	11	3.88	T	
1936	42.8	81	10	3.50	3.4	
1937	43.2	82	8	1.83	0.6	
1838	47.9	83	2	3.88	3.7	
1838	43.8	78	14	1.18	T	
1840	45.8	80	8	3.70	0.9	
1941	46.0	85	9	2.80	T	
1942	49.8	80	18	4.88	T	
1943	44.5	85	13	1.33	0.2	
1844	48.5	84	18	2.45	0.2	
1945	48.1	86	18	5.84	0.1	
1948	51.2	88	15	3.45	0	
1947	44.2	70	11	2.62	T	
1848	48.7	87	18	7.71	T	
1949	45.4	60	11	1.82	0.3	
1950	41.0	88	- 6	5.20	6.5	
1851	40.4	78	8	8.88	1.2	
1852	48.2	84	10	3.21	2.2	
1953	45.5	80	7	1.48	0.2	
1854	45.1	80	11	1.89	1.8	

Data for the period beginning with January 1949 to date have been weighted on an areal basis and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
NOVEMBER 1954

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
WESTERN DIVISION																							
BEAVER DAM	58.2	34.9	46.6	- .9	75	17	17	3	546	0	0	11	0	.72	- 2.52	.26	27	.0	0		2	0	0
FOROS FERRY DAM 50	57.6	37.7	47.7		74	14+	22	2	515	0	0	9	0	.84	- 2.31	.40	27	T	T	2	4	0	0
GOLDEN POND 8 N	59.8	34.1	47.0		75	12+	17	3	534	0	0	14	0	.77		.30	27	T	0		4	0	0
GREENVILLE 2 W	59.0	34.6	46.8	- .4	75	13+	17	2+	537	0	0	12	0	.97	- 2.47	.29	27	1.0	1	2	4	0	0
HENOERSON 4 SW	57.7	37.2	47.5	.0	74	13+	23	2+	521	0	0	10	0	.86	- 2.61	.39	27	.3	T	2	4	0	0
HICKMAN 1 E	59.4	34.1	46.8		78	14	19	3		0	0	12	0	1.26		.49	19	.0	0		4	0	0
HOPKINSVILLE	58.4	33.4	45.9	- 2.4	77	13	17	3		0	0	15	0	.71	- 3.10	.12	16	1.0	1	2	5	0	0
LOVELACEVILLE	60.1	34.7	47.4	- .4	76	13	19	3	519	0	0	11	0	1.08	- 2.42	.47	19	T	0		3	0	0
MADISONVILLE 1 SE	59.6	35.9	47.8		76	12	20	30	512	0	0	11	0	.68		.24	27	1.3	1	2	3	0	0
PAUCAH	59.7	36.2	48.0	- .5	76	12+	19	3	505	0	0	10	0	1.02	- 2.71	.41	27	T	0		3	0	0
MAYFIELD 2 S																							
MURRAY	61.8	35.0	48.4	.7	79	12	18	3	492	0	0	13	0	.43	- 2.88	.16	16	T	T	2	3	0	0
OWENSBORO 2 W	57.5	36.1	46.8	.1	75	17	21	2	536	0	0	9	0	E 1.22	- 2.05	.25	2	2.5			6	0	0
PAUCAH CAA AIRPORT	57.9	36.6	47.3		76	12	23	2+	528	0	0	9	0	1.08		.43	18	T	0		3	0	0
PAUCAH	58.2	35.1	46.7	- 1.8	76	14	21	3+		0	0	13	0	1.03	- 2.81	.35	27	T	0		3	0	0
PRINCETON	60.1	33.2M	46.7M	- .4	77	13	19	3	550	0	0	13	0	E 1.04	- 2.63	.29	4+	1.0	1	1	5	0	0
RUSSELLVILLE	57.8	34.9	46.4	.1	74	13	18	3	552	0	0	14	0	1.49	- 1.76	.54	27	2.0	2	2	4	1	0
DIVISION														.95				.6					
CENTRAL DIVISION																							
ANCHORAGE	55.1	34.6	44.9	.3	72	14+	20	30	598	0	0	13	0	1.35	- 1.70	.37	19	T	0		5	0	0
BAROSTOWN 5 J PREP SCH	57.2	34.1	45.7		75	17	19	3	571	0	0	14	0	1.68		.56	19	T	T	2	5	2	0
BOWLING GREEN CAA AP	56.7	34.7	45.7	- .7	75	17	19	3	572	0	0	12	0	1.52	- 2.53	.35	4	1.0	1	2	6	0	0
CAMPBELLSVILLE	56.5	35.0	45.8		75	17	21	2+	568	0	0	14	0	3.24		1.51	20	1.0	1	2	7	1	1
CARROLLTON LOCK 1	54.9	35.0	45.0		71	14	22	30	595	0	0	9	0	1.72	- 1.21	.40	20	.0	0		7	0	0
CLERMONT 1 SSE	56.8	32.3	44.6		75	17	17	30	604	0	0	19	0	1.57		.38	19	.5	0		6	0	0
COVINGTON W B AIRPORT	52.0	35.2	43.6	.2	72	17	23	30	634	0	1	10	0	1.33	- 1.70	.35	23	1.9	T	4+	5	0	0
DANVILLE	55.1	35.1	45.1	- .5	74	14	21	2+		0	0	11	0	2.45	- .87	.72	20	4.5	5	2	8	1	0
OIX OAM	54.7	35.5	45.1		72	17	19	2	589	0	0	12	0	3.73		1.83	20	1.0	1	2	8	2	1
FRANKFORT LOCK 4	55.1	33.1	44.1	- 2.2	72	18	23	30		0	0	15	0	1.52	- 1.62	.31	24	.0	0		5	0	0
GLASGOW WKAY	56.3	35.1	45.7		74	13+	18	3	570	0	0	14	0	2.26		.55	16		2	2	8	1	0
GREENSBURG	56.3	32.8	44.6	- 1.2	75	14+	20	30		0	0	18	0	2.92	- .65	1.01	20	2.5	3	2	8	1	1
IRVINGTON	57.3	36.4	46.9	.3	76	14	19	2	539	0	0	10	0	.96	- 2.17	.32	27	.3	0		5	0	0
LEITCHFIELD	55.8	36.6	46.2	- .5	73	17	19	2	558	0	0	10	0	1.09	- 2.70	.31	27	2.0	2	2	5	0	0
LEXINGTON WB AIRPORT	53.1	36.0	44.6	.8	72	17	22	2	606	0	1	10	0	2.36	- .79	.56	20	2.2	1	2+	9	1	0
LOUISVILLE WB AP	55.1	37.0	46.1	.4	73	14+	24	2	559	0	1	7	0	1.16	- 1.96	.29	27	T	0		6	0	0
LOUISVILLE WB CITY	55.4	40.1	47.8	1.1	73	17	26	2	511	0	0	3	0	1.04	- 2.04	.24	19	T	0		6	0	0
MAMMOTH CAVE PARK	57.1	34.3	45.7	1.6	75	17	18	3	573	0	0	15	0	1.96	- 1.45	.41	19+	1.0	1	2	7	0	0
ST JOHN BETHLEHEM ACO	54.8	34.5	44.7	- .9	73	15+	20	2+		0	1	15	0	E 1.27	- 2.12	.30	27	1.0	0		6	0	0
SCOTTSVILLE	58.4M	36.0	47.2M		75	13	18	3	524	0	0	12	0	2.15		.42	16	.0	0		8	0	0
SHELBYVILLE 2 W	54.6	35.3	45.0	.1	71	14	22	30	595	0	1	13	0	2.46	- .90	.48	18+	T	0		7	0	0
SOMERSET 1 N	55.8	32.5	44.2		75	17	11	3	618	0	0	17	0	2.62		.45	20	5.0	4	2+	7	0	0
SUMMER SHAOE	55.6	34.8	45.2		73	13+	18	3	586	0	0	12	0	3.19		1.51	20	2.0	T	2	8	1	1
WILLIAMSTOWN	52.1	35.1	43.6	- 1.6	69	15+	20	2		0	1	13	0					T	0				
WOLF CREEK OAM		34.2	M				18	3		0	1	11	0	3.18		1.20	20				7	2	1
DIVISION														2.03				1.1					
EASTERN DIVISION																							
ASHLAND OAM 29	55.6	34.5	45.1	- 1.7	75	17	23	3	592	0	0	13	0	1.70	- 1.29	.45	20	2.5	1	3	8	0	0
BARBOURVILLE	58.8	34.1	46.5		80	17	15	3	548	0	0	11	0	2.19		.46	28				8	0	0
BAXTER	53.8M	30.9M	42.4M		74	18	21	3+		0	0	18	0	3.17		1.05	20	1.5	1	3	9	2	1
BENHAM	54.0	30.0	42.0		72	15	18	30		0	0	22	0	3.19		.71	20	6.5	2	3	8	2	0
BEREA COLLEGE	55.2	34.1	44.7	- 1.1	72	13+	20	2	603	0	0	14	0	E 1.94	- 1.27	.35	4+	2.7	2	2	7	0	0
CYNTHIANA 2	53.8M	32.0M	42.9M		72	18	18	30		0	1	18	0	1.71		.28	24	.0	0		8	0	0
OEWEY OAM	54.9	32.5	43.7		76	18	21	3+		0	0	18	0	2.25		1.05	20	2.0	1	3	7	1	1
FARMERS	55.5	31.4	43.5	- 1.5	74	17	18	3	637	0	0	18	0	2.01	- .99	.40	20	2.8	2	3	9	0	0
GRAYSON	54.4	29.4	41.9		74	14+	17	3	686	0	0	22	0	1.77		.43	20	1.0	1	3	8	0	0
HEIOELBERG LOCK 14	55.6	31.3	43.5	- 2.0	74	14	18	30	640	0	1	20	0	2.16	- .54	.60	20	2.0	1	3	8	1	0
HINOMAN SETTLEMENT SCH	52.9	29.6	41.3		72	20	15	3		0	1	21	0	2.90		.68	29	5.0			8	2	0
INEZ	56.5	30.0	43.3		78	17	18	30	647	0	0	21	0	2.44		.80	20	6.0	5	2	7	1	0
LONDON CAA AP			M		70	15				0	1	18	0			.53	28				1		
MANCHESTER 4 SE	56.8	30.4	43.6		76	17	11	3	633	0	1	18	0	2.57		.55	29	7.0	4	3	8	1	0
MAYSVILLE OAM 33	52.5	32.8	42.7	- 2.5	74	18	22	30		0	1	16	0	2.37	- .68	.43	21	1.0	1	3	9	0	0
MIOOLESBORO	57.3	31.5	44.4	- 1.8	77	17	17	3	611	0	0	19	0	3.22	- .15	.75	20	.8	T	3	6	3	0
MOUNT STERLING	54.9	34.0	44.5	.1	74	17	20	3	611	0	0	15	0	2.87	- .55	.63	20	2.6	3	2	9	1	0
PIKEVILLE	57.3	35.0	46.2	- .9	79	17+	23	30	557	0	0	13	0	2.21	- .57	.46	28				8	0	0
RICHMOND	54.2	33.7	44.0	- 3.2	72	15+	18	3		0	1	14	0	2.23	- .85	.50	20	4.5	4	2	7	1	0
VANCEBORO OAM 32	52.8	30.7	41.8		74	18	20	30	690	0	0	20	0	2.39	- .90	.49	21	1.0	1	2	9	0	0
WEST LIBERTY WATER WKS	55.7		M		77	18				0	0	0	0	2.08		.85	20	T	0		7	1	0
WILLIAMSBURG	56.6	31.7	44.2	- 2.7	73	14+	18	3	618	0	0	21	0	E 2.11	- 1.12	.45	28	2.5			9	0	0
DIVISION														2.36									



# DAILY PRECIPITATION

Table 3

KENTUCKY  
NOVEMBER 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADDISON OAM 45	.83		.05		.06														.03	.12	.15				.20	T		.20	.02				
ADDIPLUS 1 N	1.60	T	.20	.03	.10	.15											.20	.05		.10	.09					.08		.26		.34			
ALBANY	3.74		.27		.11	.23											.24			.14	1.46	.10						.29	.10	.69			
ALLEN	2.15		.10	.20		.35	.15											.18			.20	.14			.11	.30			.10	.30			
ANCHORAGE	1.35	.13	T		.13												.01		.02	.37					.06	.29	.04	.25	.05				
ASHCAMP	2.00		.06	.10		.26												.23			.36	.10			.12	.13				.20	.64		
ASHLAND OAM 29	1.70		.15	.15		.22											T			.02	.45	.07			.15	.14			.26	.46	.14		
BARBOURVILLE	2.19		.02	.06		.15	.16										.36			.06	.02	.37			*	*			.57	.14			
BARSTOWN S J PREP SCH	1.68	.08	.13	T	.10	T											.08		.27			1.05	.20		.15	.10	.05	T	.30	.60			
BAKTER	3.17		.05	.15	T	.25																											
BEAVER DAM	.72		.05		.20												.08		.04	.03							.06		.26				
BENHAM	3.19	.05	.11	.16		.46								T	.25			.25			.71	.08			.16		.02	.06	.70	.43			
BEREA COLLEGE	E1.94	T	E.26		.35	.03								.05						.14	.23				.27	.05	.21	.35					
BEREA WATER WORKS	2.21		.35	.08	T	.38											T			.34	.13				.22	.21	T	.05	.11	.34			
BOWLING GREEN	1.26		.10	T	.12	.21									.15	.12				.04	.11	T			.10	T		.22	.04	.05			
BOWLING GREEN SUBSTA	1.45	T	T	T	.23	.22									.04	.24			T						.22	.01		.18	.14	.17			
BOWLING GREEN CAA AP	1.52	T	.11		.35									.30				T		.01	T			.12	T		.33	.30					
BRENT OAM 36	1.69	.01	.15		.07	.08													.07	.55					.25	.10	T	.02	.36	.03			
BROWNVILLE LOCK 6	E1.96		E.10	.10	.11	.18								.13	.28				.14	.18			.04		.16			.34		.20			
BUROINE 2 NE	2.35		.30	T	.20	.30								T	.40					.35	.15				.05	T	T	.05		.55			
BURKESVILLE	3.42	T	.21	T	.09	.34	T							.31	.09	T			.05	1.35	T				.11	T		.21	.07	.59	T		
CAOIZ LOCK E	.82		.04		.12									.10	.05													.41					
CAMPBELLVILLE	3.24	T	.09		.25	T								.44				.03	.23	1.51					.11	.02	.24	.31	.01				
CARROLLTON LOCK 1	1.72		.10		.08	.06													.29	.40			T		.30	.20		.12	.05				
CLERMONT 1 SSE	1.57	.08	.17		.11	T								T					T	.38	.07				.33	.10		.30	.03				
COLLEGE HILL LOCK 11	2.01		.12	.10		.22														.39	.32				.27	.07	T	.09	.43				
COLUMBIA	3.32	T	.12	T	.15												.36	.10		2.04						.10			.45				
COVINGTON W 8 AIRPORT R	1.33	.18	.01	T	.24	T						T						T		.14	T			T	.35	.04	.01	T	.34	.02	T		
CUMBERLAND FALLS ST PK	2.46		.47		.18	.11											.34			.18	.14	.08				.14	.04	.01	.26	.35	.16		
CYNTHIANA	1.66	T	.12	T	.23												T			.17	.31					.27	.13		.06	.19	.18		
CYNTHIANA 2	1.71	T	.16		.27												T	.21		.27					.28	.11		.20	.05	.16			
OANVILLE	2.45	T	.27	T	.15												T	.07		.17	.72	.19			.22	.09	.01	.14	.09	.33			
DELPHIA 1 E	3.74		.53		.25														.44		1.00	.33			.21		.12			.86			
DEMA	3.16		.43		.15	.23								.22					.55	.17					.53			.36	.52				
DEWEY DAM	2.25		.05	.20		.33									.10				T	1.05	.18				T	.19	T	.05	.10				
DOX DAM	3.73		.12		.10															.18	1.83	.58				.29	.06	T	.18	.06	.33	T	
DUNDEE BARRETT'S FORO 8R	1.07	.05	.20		.12	.08													.14	.08					.15			.25					
DUNMORE	1.07		.05		.30												.12	.12		.14					.16			.32					
DUNNVILLE	2.72		.25	T											.10	.30					.86									.71			
EDDYVILLE LOCK F	.51		.07		.05	.02								T						.07					T			.30					
EDMONTON	3.53		.20		.10	.25											.30			1.72					.12			.32	.10	.42			
ELKHORN CITY		RECORD MISSING																															
FALMOUTH	1.56	T	.27	.07	T	.08														.09	.24	.02			T	.32	.13	.03	.29	.02			
FARMERS	2.01		.20	.19		.20														.25	.20	.16				.25	.21		.14	.26			
FLEMINGSBURG	3.14	T	.30	.13	T															.25	.99	.56				.36	.16	T	.12	.08	.19		
FORO LOCK 10	2.20	T	.20	.23		.18														T	.16	.42				.34	.26	T	T	.02	.39		
FOROS FERRY OAM 50	.84	T	.04	T	.12	.04											T	.01		.10		.62			.13			.40					
FRANKFORT LOCK 4	1.52	.03	.22	.04													.03			.30	.09	.02				.31	.17		.28	.03			
FRANKLIN WATER WORKS	.69				.34																							.35					
FREEBURN		RECORD MISSING																															
FRENCHBURG	2.65	T	.08	.08		.05	.02													T	.57	.02				.45	.25	.45	.05	.52	.11		
GEORGETOWN WATER WORKS	1.49		.28	.07	.01															.19	.17	T				.26	.26	.23	.02				
GEST LOCK 3	1.81	T	.10	.01	T	.05														.22	.01					.26	.02	.03	.20	.01			
GLASGOW	2.66		.30		.10	.18											.42	.15		.15	.65					.15		.41	.10	.20			
GLASGOW WKAY	2.26	.02	.12		.27												.55		T	.31	.20	T				.12		T	.40	.27			
GLENDALE	1.25	T	.10	T	.07	.10											.07		T	.31						.18	.05	.32	.05				
GOLDEN POND 8 N	.77		.02		.21												.13			T													

# DAILY PRECIPITATION

Table 3—Continued

KENTUCKY  
NOVEMBER 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RUSSELLVILLE	1.49		.16	.03													.38	.29	.03	.06									.54				
RUSSELLVILLE SUBSTA	1.75		.15		.28	.12											.35	*		.45									.40				
ST JOHN BETHLEHEM ACAD	E1.27		E.05	E.05	.21	.08											T	.10	.02	.15				.19	.10	T	.30	.02					
SALVISA LOCK 6	2.27	T	.42	T	.01	.11											.03	.03	.01	.51	.10			.25	.26	T	.20	.07	.30				
SALYERSVILLE 2 SE	2.07		.12	.19	.28												.07	.10	.59	.12			.15				.17	.28					
SCOTTSVILLE	2.15	.05	.23	T	.28												.42		.17	.22					.13		.25	.40					
SEBREE	.93	T	.11	T	.11	.08											.11	.11	.07	T					.11		T	.34	T				
SHANNEE STEAM PLANT	1.01		.03		.10	.02											.05		.48	.02							T	.30	.01				
SHELBYVILLE 2 W	2.46	T			.22	.03													.48	.48					.42	.12	.22	.05	.04				
SHEPHERSVILLE	1.35		.19		.05	.02													.01	.45				.28		.09	.20		.06				
SOMERSET 1 N	2.62	.07	.22		.42	.02	.05										.32		.07	.45					.18	.02	T	.38	.41	.01			
SPRINGFIELD	1.91		.05		.05	.18											T		.23	.60					.17	.05	.29	.20					
STEARNS	E1.94		.18	T	.20												.12	.18		.38	T				.07	E.01	.16	.10	.54				
SUMMER SHAOE	3.19	.03	.11		.33												.28	T		.13	1.51				.18		.22	.40					
SUMMER SHAOE SUBSTA	3.46		.17	T	.11	.25											.30	T		1.4	1.55	.02			.13	T	.30	.03	.46				
TAYLORSVILLE	1.42	.28	T	.06	.05														.13	.32						.26	.32						
TOMPKINSVILLE 2	1.93		.15															.08	.06		1.30		.10				.20		.04				
TURKEY CREEK SCHOOL	.62		.05		.13	.01											.06	.01		.08					.06		.37		.01				
TYRONE LOCK 5	1.92	T	.26	.04	.17												.02	.40	.13						.41	.08	.03	.28	.10				
UNIONTOWN OAM 49	.61		.02		.11												T		.21	T					.13		.33		.01				
VALLEY VIEW LOCK 9	2.74	T	.06	.03	T	.23											.06	.01		.15	1.26	.13			.28	.15	.01	.06	.06	.31			
VANBUREN	1.99	.04	.25		T	.15	T												.25	.25					.34	.20	.35	.10	T				
VANCEBURG OAM 32	2.39	T	.11	.13	.32														.05	.33	.49				.23	.33	T	.19	.21				
WAYNESBURG 6 E	2.23		.10	.06	.42													.14		.11	.33	.06			.33	.07	.18	.11	.32				
WEST LIBERTY WATER WKS	2.08		T		.04	T	.20												.10	.85					.25	.24		.25	.15				
WESTPORT	1.43	.13															T	.12	.22	T	T		.35	.05	T	.10	.07	.34	.05				
WILLIAMSBURG	E2.11	E.25			.15	.10											.38		.30							.10	.23	.45	.15				
WILLIAMSTOWN	-	-	-		.22															.18					.30	-	-	-	-				
WILLOW LOCK 13	3.09		.29	.64	.18															.97	.06				.16	.09		.15	.55				
WOLF CREEK OAM	3.16		.07	.04	T	.38											.30	.07		1.20	.11				.13		.09	.27	.52				
WOODBURY LOCK 4	1.14		.08		.10	.12											.06	.22		.12					.14		.30	T					

# DAILY TEMPERATURES

KENTUCKY  
NOVEMBER 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	43	34	47	40	47	54	63	68	68	63	68	65	70	72	67	66	72	67	61	54	46	49	50	47	39	38	49	53	46	46	55.1	
	MIN	32	23	26	34	30	31	27	31	37	37	29	40	34	38	38	47	42	49	51	44	40	34	30	36	33	32	30	36	26	20	34.6	
ASHLAND OAM 29	MAX	51	47	37	37	44	50	60	67	60	53	69	64	65	74	63	64	75	74	72	63	46	45	57	48	39	45	44	51	48	56	55.6	
	MIN	31	27	23	27	35	29	30	31	33	30	30	36	31	34	36	41	46	44	49	45	42	39	31	37	33	35	31	35	35	29	34.5	
BARBOURVILLE	MAX	52	44	39	43	46	48	66	72	71	72	71	72	72	75	73	70	80	77	70	68	54	48	50	50	44	44	46	49	47	52	58.8	
	MIN	27	34	15	22	33	33	33	32	29	29	30	31	33	33	34	44	47	50	50	47	44	38	32	35	36	33	34	33	32	19	34.1	
BARSTOWN S J PREP SCH	MAX	46	46	46	45	46	56	65	69	68	66	70	69	74	73	69	73	75	72	66	59	46	49	49	51	40	40	48	48	46	45	57.2	
	MIN	30	21	19	30	27	27	28	30	33	35	30	28	31	37	38	48	50	50	50	44	37	38	32	33	35	34	33	36	38	20	34.1	
BAXTER	MAX	44	48	34	38	40	41	49	59	66	70	66	65	70	70	70	69	65	74	69	55	43	47	45	47	39	42	42	50	44	53.8		
	MIN	24	28	21	23	30	26	24	26	28	27	27	27	32	30	31	31	46	44	47	38	34	34	33	33	33	27	33	23	33	21	30.9	
BEAVER OAM	MAX	48	42	47	42	51	60	65	71	70	68	70	70	74	74	73	64	75	65	65	54	49	51	52	50	43	47	55	54	48	49	58.2	
	MIN	26	21	17	34	28	33	27	30	33	43	31	36	36	36	41	51	49	51	50	43	40	39	27	38	35	25	34	42	31	20	34.9	
BENHAM	MAX	41	49	33	42	42	47	50	61	66	69	65	62	66	67	72	65	66	68	70	65	55	42	48	51	43	41	44	42	45	43	54.0	
	MIN	27	26	21	25	30	26	27	24	28	26	26	27	28	25	26	32	44	45	45	40	33	35	33	35	28	29	27	32	32	18	30.0	
BEREA COLLEGE	MAX	48	45	34	37	40	51	63	67	67	62	68	64	72	71	71	65	72	69	70	60	44	45	50	45	38	43	48	55	44	49	55.2	
	MIN	28	20	21	25	32	27	32	35	34	37	34	43	33	37	36	49	52	48	54	41	39	33	30	33	32	32	24	29	30	24	34.1	
BOWLING GREEN CAA AP	MAX	49	36	45	40	44	55	65	68	70	63	66	72	74	74	71	62	75	71	64	53	47	49	51	47	43	48	55	52	45	48	56.7	
	MIN	29	20	19	35	28	29	27	31	33	38	32	35	36	35	37	52	53	54	48	44	39	34	29	36	34	28	40	38	26	22	34.7	
CAMPBELLSVILLE	MAX	48	39	42	40	43	52	65	69	72	66	67	70	72	72	74	63	75	68	62	59	47	48	50	46	42	43	52	53	46	50	56.5	
	MIN	30	21	21	29	28	25	28	31	35	38	33	38	35	38	37	51	52	51	55	44	40	38	31	37	31	28	32	40	29	23	35.0	
CARROLLTON LOCK 1	MAX	42	42	45	43	45	52	60	66	68	59	67	63	67	71	65	67	70	68	65	58	45	47	49	51	40	39	47	52	50	44	54.9	
	MIN	34	25	28	33	34	35	28	29	33	38	28	41	29	36	36	37	40	46	55	44	40	36	37	36	33	35	31	38	32	22	35.0	
CLERMONT 1 SSE	MAX	45	36	48	42	47	55	66	70	69	62	71	65	73	74	70	66	75	70	64	60	47	50	51	47	40	41	51	55	47	48	56.8	
	MIN	30	21	24	31	26	29	24	27	30	32	25	37	29	37	33	45	43	42	55	45	39	37	26	35	32	28	31	32	28	17	32.3	
COVINGTON W B AIRPORT	MAX	41	30	43	38	45	51	61	66	63	57	66	59	64	68	59	66	72	65	65	53	42	47	47	42	37	38	42	50	41	42	52.0	
	MIN	27	24	27	32	33	32	34	35	38	37	33	38	34	45	37	39	42	55	50	40	38	33	36	33	32	32	32	37	29	23	35.2	
CYNTHIANA 2	MAX	44	46	32	38	42	45	53	62	68	65	60		69	71	68	69	72	70	67	55	49	46	51	44	40	42	45	53	40	53.8		
	MIN	31	24	25	27	32	26	23	26	29	31	23		25	31	36	39	42	51	48	36	38	36	38	34	33	30	35	30	18	32.0		
OANVILLE	MAX	42	47	34	40	39	41	53	64	70	69	64	70	66	74	73	71	66	73	70	63	48	46	47	51	47	38	44	49	53	42	55.1	
	MIN	27	21	21	26	31	29	32	34	35	36	35	40	35	35	38	40	50	50	55	46	40	38	33	38	33	32	31	38	31	24	35.1	
DEWEY OAM	MAX	44	50	34	34	38	44	51	62	68	62	63	68	67	71	74	73	60	76	67	74	57	45	44	50	48	40	43	48	51	42	54.9	
	MIN	38	28	21	22	30	29	30	31	31	38	27	32	32	30	33	33	43	44	44	47	41	35	31	31	34	32	25	29	33	21	32.5	
DIX DAM	MAX	47	42	40	39	40	53	63	67	65	60	60	63	71	71	69	64	72	70	65	58	50	46	45	45	40	44	48	54	45	46	54.7	
	MIN	28	19	21	28	32	29	29	34	36	38	33	42	35	41	39	50	50	51	55	43	39	37	38	33	32	31	30	38	29	25	35.5	
FARMERS	MAX	50	45	35	37	44	50	63	69	64	59	69	66	70	73	68	65	74	72	65	62	47	46	49	46	43	44	45	51	46	48	55.5	
	MIN	27	26	18	24	33	25	24	26	29	29	25	33	28	31	31	43	41	42	49	46	40	36	28	35	32	33	26	29	33	20	31.4	
FOROS FERRY DAM 50	MAX	50	40	49	43	48	61	64	68	64	65	71	71	71	74	68	64	74	70	69	53	48	48	54	49	44	49	58	53	48	46	57.6	
	MIN	29	22	24	36	30	33	32	36	40	46	39	42	42	41	44	52	48	48	52	41	39	40	30	39	38	27	37	46	32	26	37.7	
FRANKFORT LOCK 4	MAX	43	45	35	44	40	44	52	63	69	65	60	69	65	70	71	66	67	72	70	70	51	46	49	51	48	40	43	48	54	42	55.1	
	MIN	24	24	24	29	30	28	28	28	29	33	29	29	31	30	34	35	42	42	48	50	41	38	38	38	33	34	33	35	32	23	33.1	
GLASGOW WKAY	MAX	48	42	44	40	41	54	59	69	71	62	70	71	74	72	72	65	74	66	62	53	46	48	51	48	43	50	49	51	46	49	56.3	
	MIN	32	21	18	32	27	26	28	32	38	38	32	36	39	37	41	50	52	52	51	45	41	36	31	39	34	27	31	34	31	22	35.1	
GOLDEN POND 8 N	MAX	51	45	49	45	52	62	68	72	68	66	70	75	71	74	73	69	75	71	66	56	47	48	55	53	46	51	59	57	52	49	59.8	
	MIN	27	22	17	36	24	26	26	29	31	42	33	33	32	34	38	53	50	53	52	41	32	32	27	40	38	22	39	42	33	18	34.	



# DAILY TEMPERATURES

KENTUCKY  
NOVEMBER 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAMMOTH CAVE PARK	MAX	46	43	44	40	42	55	66	70	70	66	68	73	73	73	73	65	75	68	63	55	47	49	50	48	42	48	54	53	46	48	57.1	
	MIN	32	21	18	30	30	27	28	30	33	43	31	36	36	39	37	50	52	52	54	44	33	35	28	41	30	24	31	34	30	19	34.3	
MANCHESTER 4 SE	MAX	50	47	32	38	45	54	63	68	70	65	68	70	72	73	74	67	76	70	69	60	48	47	47	47	44	47	48	49	46	50	56.8	
	MIN	25	22	11	16	32	25	24	25	27	26	25	30	34	29	29	42	49	42	45	46	38	33	33	34	33	34	25	28	31	18	30.4	
MAYFIELD 2 S	MAX	54	47	50	44	51	63	69	71	70	65	70	76	76	75	72	66	72	71	66	52	47	49	56	52	45	50	60	55	51	47	59.7	
	MIN	30	22	19	36	27	32	33	37	41	43	42	40	40	44	42	52	51	51	50	36	31	35	27	36	34	23	37	42	29	25	36.2	
MAYSVILLE DAM 33	MAX	40	40	31	39	38	44	50	60	66	60	57	68	61	67	72	61	60	74	72	63	52	45	45	48	45	39	42	44	52	40	52.5	
	MIN	28	27	25	27	33	28	28	29	30	30	28	27	30	30	34	34	39	43	48	51	42	38	35	38	33	31	30	34	33	22	32.8	
MIDDLESBORO	MAX	48	45	44	41	47	52	63	69	76	70	69	73	71	72	70	64	77	71	67	59	48	50	47	49	41	45	43	47	50	50	57.3	
	MIN	28	26	17	24	35	22	23	25	28	28	29	30	32	28	30	45	42	44	47	45	39	35	34	32	34	34	26	31	32	20	31.5	
MOUNT STERLING	MAX	46	40	40	37	40	50	62	67	67	62	68	63	70	72	67	66	74	70	65	60	54	47	49	45	38	44	44	52	43	46	54.9	
	MIN	26	22	20	23	32	23	28	31	36	34	31	42	34	42	39	47	46	50	51	49	37	36	31	33	32	32	28	35	29	22	34.0	
MURRAY	MAX	55	47	51	44	53	65	71	72	72	68	73	79	77	78	74	72	73	71	65	59	55	50	57	54	49	51	62	55	52	49	61.8	
	MIN	28	23	18	38	26	28	29	32	34	39	36	35	35	36	38	53	55	51	51	42	29	31	27	38	38	23	41	44	29	22	35.0	
DWENSBORO 2 W	MAX	46	40	46	42	52	60	66	70	67	67	71	70	73	72	72	69	75	66	65	55	46	53	50	48	41	43	56	51	48	46	57.5	
	MIN	27	21	27	34	29	33	29	34	36	43	33	39	40	43	40	52	47	53	53	44	40	39	28	37	33	26	33	40	29	22	36.1	
PADUCAH CAA AIRPORT	MAX	51	38	49	43	50	62	68	70	69	65	69	76	75	74	72	63	73	70	54	47	49	47	54	49	44	50	58	55	47	47	57.9	
	MIN	31	23	23	35	28	36	32	36	37	45	37	41	39	42	43	53	52	52	44	39	34	35	30	40	35	26	39	35	27	28	36.6	
PADUCAH	MAX	53	50	37	49	43	49	62	66	70	69	66	70	73	76	73	72	61	71	70	55	50	49	48	54	48	52	51	59	55	46	58.2	
	MIN	32	25	21	21	30	30	32	32	34	36	37	36	38	38	39	54	54	51	53	41	33	35	31	31	40	26	25	39	33	25	35.1	
PIKEVILLE	MAX	51	33	45	39	43	53	64	70	70	68	72	69	75	77	74	61	79	69	75	59	47	47	48	50	41	44	48	51	48	49	57.3	
	MIN	32	27	27	26	36	32	29	32	33	29	28	34	39	34	34	40	49	48	53	47	43	41	38	39	34	31	28	32	33	23	35.0	
PRINCETON	MAX	52	41	51	43	54	60	70	73	71	69	72	75	77	72	75	65	75	70	66	59	49	48	56	49	45	50	60	55	51	49	60.1	
	MIN	26	20	19	37	25	26	27	30	35	45	33	33	33			41	47	52	49	50	40	37	30	26	36	35	20	31	35	26	20	33.2
RICHMOND	MAX	42	46	31	35	37	41	52	62	67	67	67	68	64	71	72	68	67	72	67	67	50	44	46	48	47	39	44	50	52	43	54.2	
	MIN	28	23	18	25	30	27	26	29	32	34	28	34	37	40	39	41	49	46	53	50	40	38	30	35	33	33	27	35	30	22	33.7	
RUSSELLVILLE	MAX	51	45	44	43	48	58	64	70	69	66	70	71	74	71	72	64	72	68	62	52	49	48	53	48	46	48	56	54	47	50	57.8	
	MIN	42	20	18	28	30	31	28	30	32	46	33	34	36	37	37	52	51	50	48	43	40	30	28	32	36	25	37	43	28	21	34.9	
ST JOHN BETHLEHEM ACAD	MAX	42	45	30	46	40	46	54	63	67	67	60	70	65	71	73	70	64	73	67	62	48	45	49	50	46	40	42	53	54	42	54.8	
	MIN	29	20	20	26	31	30	30	32	38	40	32	34	38	36	41	41	49	53	55	47	41	38	30	29	34	27	28	35	31	21	34.5	
SCOTTSVILLE	MAX	49	46	45		42	56	67	70	70	65	68	72	75	73	72	57	74	69	64	58	48	48	51	49	45	49	54	53	47	49	58.4	
	MIN	30	21	18	32	30	29	30	33	33	44	34	38	38	43	38	51	54	53	53	44	41	32	30	39	36	27	35	41	29	23	36.0	
SHELBYVILLE 2 W	MAX	42	32	45	40	46	53	62	67	68	62	68	65	69	71	67	66	68	68	63	57	45	48	49	45	39	37	48	52	50	46	54.6	
	MIN	25	23	25	32	30	30	29	34	40	37	31	41	33	39	37	46	46	52	55	44	40	38	32	35	32	33	32	36	31	22	35.3	
SOMERSET 1 N	MAX	49	40	34	40	42	51	64	67	70	65	67	71	71	73	73	62	75	70	67	53	45	47	49	49	42	42	51	50	45	49	55.8	
	MIN	25	19	11	22	32	24	29	27	31	41	28	34	32	34	33	47	49	45	52	43	39	39	30	39	30	29	28	33	31	19	32.5	
SUMMER SHADE	MAX	48	37	43	40	40	51	65	67	68	64	67	70	73	73	72	63	73	66	61	53	48	47	51	46	40	47	53	49	45	49	55.6	
	MIN	30	21	18	30	27	26	29	32	34	32	35	36	38	41	39	51	49	53	52	42	40	33	36	39	33	29	33	38	26	23	34.8	
VANCEBURG DAM 32	MAX	48	41	37	37	40	52	57	63	62	57	65	63	65	70	64	60	73	74	60	55	45	44	50	43	39	43	45	50	44	39	52.8	
	MIN	27	23	21	24	32	25	26	27	31	27	25	36	28	32	34	36	41	42	48	39	37	34	31	33	28	28	24	31	32	20	30.7	
WEST LIBERTY WATER WKS	MAX	50	55	40	40	42	42	43	55	60	65	70	72	70	74	73	74	65	77	72	70	54	44	46	51	48	40	42	45	50	42	55.7	
	MIN			18							24	25		20	30		31			40	41	35	30	28	28	32	28	25	28	30	18		
WILLIAMSBURG	MAX	50	47	35	41	42	52	68	70	65	61	65	69	71	73	70	65	73	70	69	58	48	48	48	49	45	47	52	51	46	49	56.6	
	MIN	29	24	18	24	32	24	25	32	27	22	27	30	32	31	32	40	43	45	52	46	39	36	33	32	33	32	28	31	31	20	31.7	
WILLIAMSTOWN	MAX	40	41	30	42	40	45	52	60	62	64	58	63	63	68	69	65	67	69	68	62	45	42	48	49	44	37	39	45	45	40	52.1	
	MIN	29	20	22	29	30	31	32	39	41	35	34	43	39	35	39	45	46	49	52	45	39	34	33	36	31	31	29	32	29	23	35.1	
WOLF CREEK DAM	MAX	39	44	29	37	37	37	50	59	65	70																						
	MIN	26	26	18	20	34	28	28	29	34	34	31	31	33	33	33	40	53	53	52	51	42	39	35	37	34	34	30	34	33	22	34.2	

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
NOVEMBER 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ASHLAND DAM 29	SNOWFALL SN ON GND			1.5 1																						1.0 T						
BENHAM	SNOWFALL SN ON GND		T	3.0 2		.5 T																			.5 T		1.5 T	1.0				
BOWLING GREEN CAA AP	SNOWFALL SN ON GND		1.0 1																						T	T						
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T	T	T	1.9 T		T																			T	T	T	T T		T	T
DANVILLE	SNOWFALL SN ON GND		4.5 5	2	T																						T	T				
DEWEY DAM	SNOWFALL SN ON GND			2.0 1		T																					T	T				
FARMERS	SNOWFALL SN ON GND		.7 1	2.1 2	1	T																					T T					
FORDS FERRY DAM 50	SNOWFALL SN ON GND		T T	T																												
HEIDELBERG LOCK 14	SNOWFALL SN ON GND			2.0 1		T																					T					
HINDMAN SETTLEMENT SCH	SNOWFALL SN ON GND			5.0 -	-																					T	T					
HOPKINSVILLE	SNOWFALL SN ON GND		1.0 1																													
IRVINGTON	SNOWFALL SN ON GND	T	.3																								T					
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	.1 T	2.1 1	1	T																					T	T		T			
LONDON CAA AP	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		T	T				
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV	T	T		T																					T	T	T				T
MAMMOTH CAVE PARK	SNOWFALL SN ON GND		1.0 1																							T	T					
MAYSVILLE DAM 33	SNOWFALL SN ON GND		T T	1.0 1																												
MIDDLESBORO	SNOWFALL SN ON GND			.8 T																								T				
MURRAY	SNOWFALL SN ON GND		T T																													
OWENSBORO 2 W	SNOWFALL SN ON GND		2.5 -																								T					
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND	T																														T
PIKEVILLE	SNOWFALL SN ON GND		- -	3																												
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND		.5	.5																												
WILLIAMSTOWN	SNOWFALL SN ON GND		T	T																												
WOLF CREEK DAM	SNOWFALL SN ON GND		- 2	- -	T -																											

## STATION INDEX

KENTUCKY  
NOVEMBER 1954

Station	County	Index No.	Drainage <sup>1</sup>	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
ADDISON DAM 45	0043 BRECKINRIDGE	7 57 55	86 34	380	6A	CORPS OF ENGINEERS	3	C		
ADPHULS 1 N	0043 ALLEN	3 36 39	86 16	600	7A	IOELL M. OEARING	3	C		
ALBANY	0581 CLINTON	2 16 52	85 30	903	6A	MRS. B. A. COOL	2	5	C	
ALLEN	0095 FLOYD	1 37 33	82 43	650	7P	C. E. BAUER	2	3	5	C
ANCHORAGE	0155 JEFFERSON	7 38 16	85 33	700	7P	C. E. BAUER	2	3	5	C
ASHCAMP	0246 PIKE	1 37 16	82 26	1100	6A	HARY S. RATLIFF	3			
ASHLAND DAM 29	0254 BOYD	7 38 27	82 36	551	6P	CORPS OF ENGINEERS	2	3	7	
BARBOURVILLE	0581 CLINTON	2 16 52	85 30	903	6P	UNION COLLEGE	2	5	C	
BARDSTON S.J. PREP SCH	0597 NELSON	8 37 48	85 28	637	6P	ST. JOSEPH PREP SCH	2	5	C	
BAXTER	0246 MARLAN	2 36 51	85 20	1164	7A	C. HONER NDLAN	2	5	C	
BEAVER DAM	0490 DHID	3 37 25	86 52	441	6P	E. G. YOUNG	2	3	7	
BENHAM	0595 HARLAN	2 36 58	82 57	1580	8A	C. C. WHITEAKER	2	3	7	
BENTON	0611 MARSHALL	9 56 51	88 20	395	6P	MID JAMES H. MILLER	2	5	C	
BERRA COLLEGE	0619 HANSON	4 57 34	84 18	1070	6P	JAMES A. GROSSMAN	2	5	C	
BERRA WATER WORKS	0624 MADISON	4 57 33	84 15	1010	7A	MRS. LAURA B. GABBARD	2	5	C	
BOWLING GREEN	0904 WARREN	5 37 00	86 26	556	7A	JAMES R. EDWARDS	3			
BOWLING GREEN SUBSTA	0907 WARREN	5 37 01	86 26	574	7A	TV-459	2	5	7	
BOWLING GREEN CAA AP	0909 WARREN	5 36 58	86 26	555	MIO	MID CIVIL AERD. ADM.	2	3	7	
BOWLING GREEN WTR WKS	0914 WARREN	5 37 00	86 26	555	MIO	CITY BOWLING GREEN	2	3	7	
BRENT DAM 36	0918 CAMPBELL	7 39 05	84 25	497	7A	CORPS OF ENGINEERS	3			
BROWNVILLE LOCK 6	1046 EDMONSON	5 37 12	86 16	410	7A	STINSON SKAGGS	3			
BURKESVILLE	1126 PIKE	5 37 13	85 22	1645	6P	CORPS OF ENGINEERS	2	3	7	
CAOIZ LOCK E	1337 CUMBERLAND	2 56 47	85 22	600	7A	MARVIN M. LEE	3			
CAMPBELLVILLE	1206 TRIGG	2 56 46	87 38	422	7A	CORPS OF ENGINEERS	2	3	7	
CARROLLTOWN LOCK 1	1226 TAYLOR	3 37 20	85 21	777	6P	ALVA MC KINLEY	2	3	5	C
CENTRAL CITY	1345 CARROLL	4 58 41	89 11	480	6P	CORPS OF ENGINEERS	2	3	7	
CLEMONT 1 SSE	1611 BULLITT	3 37 07	85 40	474	5P	BERNHHEIM FOUNDATION	2	3	7	
CLINTON	1651 HICKMAN	6 36 41	89 50	370	MID	WOODSON D. FRANKLIN	2	3	7	
COLLEGE HILL LOCK 11	1704 ESTILL	4 57 47	84 06	611	7A	CORPS OF ENGINEERS	3			
COLUMBIA	1722 ADAIR	3 37 06	85 18	729	7A	MRS. MAZEL B. PICKETT	3			
CORBIN CAA AIRPORT	1801 WHITLEY	2 36 58	84 08	1173	MIO	CIVIL AERD. ADM.	2	3	7	
COVINGTON WB AIRPORT	1855 BOONE	7 39 04	84 40	889	MID	MID U.S. WEATHER BUREAU	2	3	7	
CUMBERLAND FALLS ST PK	1908 MARRISON	5 38 23	84 16	684	7A	MARSHALL HILL	2	3	7	
CYNTHIANA 2	2040 BOYLE	4 37 39	84 46	955	7A	R. P. COLDRON	2	3	7	
DANVILLE	2053 MARTIN	1 57 48	82 32	718	MID	BERTHA O. LONG	3			
DAVILLA 1 E	2104 PERRY	7 38 07	84 27	800	7A	CORPS OF ENGINEERS	3			
DEHA	2139 KNOTT	1 57 25	82 48	850	5P	HATTIE B. BARNEY	3			
DEWEY DAM	2180 FLOYD	1 37 45	82 47	653	7A	CORPS OF ENGINEERS	2	3	7	
DIX DAM	2214 MERCER	4 37 48	84 45	917	4P	J. W. WILLIAMS	2	3	7	
DUNOCE BARRETT'S FORD BR	2258 OGDEN	3 37 53	86 43	450	5	C				
DUNNOR	2346 MULLENBERG	5 37 05	87 00	610	7A	M. H. CLEVES	3			
DUNNVILLE	2374 CASEY	3 37 13	84 58	-	8A	LINNIE O. TARTER	3			
DYER	2591 BRECKINRIDGE	3 37 43	86 15	795	5	C				
EDDYVILLE LOCK F	2445 LYON	2 57 03	88 05	420	7A	CORPS OF ENGINEERS	3			
EDMONTON	2456 METCALFE	3 37 00	85 37	885	7A	JOHN E. MORAN	3			
ELKHORN CITY	2528 PIKE	1 37 18	82 11	800	6A	MRS. KESTIE SCAMMELL	3			
FALMOUTH	2775 PENOLTON	5 38 40	84 20	560	7A	FRANK H. LAWSON	3			
FARMERS	2791 ROWAN	5 38 09	83 33	668	6P	MRS. C. C. STAMPER	2	3	7	
FLEMINGSBURG	2903 FLEMING	5 38 25	83 43	870	7A	MRS. JEAN FLEMING	3			
FLEMINGSBURG 2	2955 LICKING	5 38 25	83 45	860	6P	HAURICE B. CANTER	2	3	7	
FORD LOCK 10	2933 HANSON	4 37 54	84 16	660	6A	CORPS OF ENGINEERS	2	3	7	
FORDS FERRY DAM 30	2961 CRITTENDEN	7 38 28	88 06	356	6P	CORPS OF ENGINEERS	2	3	7	
FRANKFORT LOCK 4	3028 FRANKLIN	4 38 14	84 52	504	6A	CORPS OF ENGINEERS	2	3	7	
FRANKLIN WATER WORKS	3036 SIMPSON	3 36 43	86 34	691	7A	HERMAN D. NEAL	3			
FREEBURN	3046 PIKE	1 37 34	82 08	727	7A	JOHN E. TANNER	3			
FRENCHBURG	3052 METCALFE	5 37 57	85 59	930	7A	FRENCHBURG SCHOOL	3			
GEORGETOWN WATER WORKS	3194 SCOTT	4 38 12	84 53	880	6A	JDE W. ATKINS	3			
GEST LOCK 3	3203 HENRY	6 38 23	84 33	490	7A	CORPS OF ENGINEERS	5			
GLASCO	3241 BARREN	5 37 00	85 55	780	7A	EMILY M. BEAN	3			
GLASCO WYAY	3246 BARREN	3 37 00	85 55	808	6P	RADIO STATION WYAY	3			
GLENDALE	3252 HARDIN	9 37 36	86 55	700	7A	DAVID W. BELL	3			
GOLDEN PDND B N	3295 TRIGG	2 36 54	88 00	395	4P	FISH & WILF REFUGE	2	3	5	
GRANT DAM 38	3358 BOONE	7 38 59	84 50	503	7A	CORPS OF ENGINEERS	3			
GRAYSON	3391 CARTER	7 38 19	82 57	589	7P	SHIRLEY I. STATEN	2	3	5	
GREENSBURG	3430 GREEN	5 37 15	85 50	630	7A	HOWARD PICKETT	2	3	5	
GREENSBURG HWAY 61 BR	3435 GREENUP	5 37 15	85 50	590	7A	MRS. ADA L. CDX	3			
GREENUP DAM 30	3443 GREENUP	7 38 37	82 51	538	7A	CORPS OF ENGINEERS	5			
GREENVILLE 2 W	3451 MULLENBERG	5 37 12	87 12	519	5P	C. R. LIDVELL	2	3	5	
HALEYS MILL	3539 CHRISTIAN	5 37 05	87 20	740	MIO	CLEATUS E. BRINKLEY	3			
HARTFORD & NW	3552 ONID	5 37 32	86 54	429	8A	DAVID K. CARSON	3			
HAZARD	3670 PERRY	4 57 15	83 12	868	MID	H. A. BAILEY	3			
HAZARD WATER WORKS	3714 PERRY	4 57 15	83 11	860	7A	BURCHELL MURPHY	3			
HEIDELBERG LOCK 14	3741 LEE	4 37 33	83 46	663	5P	CORPS OF ENGINEERS	2	3	7	
HENDERSON A SW	3762 HENDERSON	7 37 47	87 37	382	6P	FRANK STREET	2	3	5	
HERNOWN	3798 CHRISTIAN	2 36 44	87 34	512	MIO	C. W. KEATTS	2	3	5	
HICKMAN 1 E	3816 FULTON	6 36 34	89 10	440	7A	MRS. NELL S. CALVIN	2	3	5	
HICKSVILLE	3921 GRAVES	9 36 48	89 30	542	7A	TV-478	2	3	5	
HIGH BRIDGE LOCK 7	3937 JESSAMINE	4 37 49	84 43	544	6A	CORPS OF ENGINEERS	3			
HINKMAN SETTLEMENT SCH	3989 KNOTT	4 37 20	82 59	1080	8A	ELIZABETH WATTS	2	3	7	
HOOGSVILLE NAT PARK	3929 LARUE	3 37 32	85 44	788	MIO	ERNEST L. WRIGHT	2	3	7	
HOPKINSVILLE	3994 CHRISTIAN	4 37 10	82 56	1130	7A	HEVELL F. SMITH	2	3	7	
HYDEN	4090 LESLIE	4 37 10	83 22	698	6P	MRS. FOREST CAMPBELL	3			
INEZ	4134 MARTIN	1 37 52	82 32	698	6P	UNITED FUEL GAS CO	2	3	5	
IRVINGTON	4165 BRECKINRIDGE	3 37 53	86 17	646	7P	FLOYD G. ROBBINS	2	3	7	
JACKSON	4196 BREATHTITT	4 37 33	83 23	749	7A	MRS. HAE JETT	3			
JEREMIAH	4255 LETCHER	4 37 10	82 56	1130	5P	HOBART ISON	3			
KEENE 2 N	4369 JESSAMINE	4 37 58	84 38	950	7A	HUGH J. CARROLL	3			
KENTUCKY DAM	4414 LIVINGSTON	9 37 01	88 16	362	6A	TV-378-A	3			
LANCASTER	4620 GARRARD	4 37 37	84 35	1092	8A	KENTUCKY UTIL CD	3			
LAURA	4642 MARTIN	1 37 43	82 26	-	8A	JAMES A. FIELDS	3			
LEITCHFIELD	4701 GRAYSON	3 37 29	85 16	633	6P	GEORGE O. LITSEY	2	3	5	
LEXINGTON WB AIRPORT	4746 FAYETTE	4 38 02	84 36	979	MID	MID U.S. WEATHER BUREAU	2	3	7	
LIBERTY	4753 CASEY	9 37 21	84 55	772	7A	PALLIA F. HANKLA	3			
LITTLE HICKMAN LOCK 8	4823 JESSAMINE	4 37 45	84 35	560	7A	CORPS OF ENGINEERS	3			
LOCKPORT LOCK 2	4857 HENRY	4 38 26	84 58	485	6A	CORPS OF ENGINEERS	3			
LOGGICK 1 S	4892 CLARK	4 37 51	84 02	-	MID	MRS. H. BURGER	3			
LONDON 3 SW	4893 LAUREL	2 37 06	84 06	1217	-	MID U.S. FOREST SERVICE	3			
LOUISA	4943 LAWRENCE	1 58 07	82 37	594	7A	JULIUS M. RANKIN	3			
LOUISA 2	4946 LAWRENCE	1 58 07	82 37	600	7A	EDDIE L. YOUNG	3			
LOUISVILLE BOWMAN FLD	4951 JEFFERSON	7 38 13	85 40	558	MID	CORPS OF ENGINEERS	2	3	7	
LOUISVILLE WB AP	4954 JEFFERSON	7 38 11	85 44	474	MIO	MID U.S. WEATHER BUREAU	2	3	7	
LOUISVILLE UPPER GAGE	4955 JEFFERSON	7 38 17	85 48	403	6A	CORPS OF ENGINEERS	3			
LOUISVILLE WB CITY	4956 JEFFERSON	7 38 15	85 46	457	MID	MID U.S. WEATHER BUREAU	2	3	7	
LOVELAKEVILLE	4967 BALLARAO	6 36 58	88 50	370	6P	BLAINE MALONE	2	3	5	
LUCAS	5002 WARREN	3 36 53	86 02	738	7A </td <td>WILLARD F. FOSTER</td> <td>3</td> <td></td> <td></td> <td></td>	WILLARD F. FOSTER	3			
MAHONSVILLE 1 SE	5067 HOPKINS	3 37 19	87 29	455	5P	HONER WELBORN, JR.	2	3	5	
MANHOTH CAVE PARK	5087 EDMONSON	3 37 11	86 06	600	5P	NATIONAL PARK SVC	2	3	5	
MANCHESTER 4 SE	5111 CLAY	4 37 06	85 45	850	6P	NDRA S. WHITE	2	3	5	
MAYFIELD SUBSTATION	5250 GRAVES	6 36 44	88 59	364	5P	ALVIN L. BERTMAN	3			
MAYFIELD 2 S	5252 GRAVES	6 36 42	88 58	364	5P	MRS. JOE PAYNE	2	3	5	
MAYSVILLE OAM 33	5245 HANSON	7 38 38	83 42	513	7A	CORPS OF ENGINEERS	2	3	7	
MC KEE	5291 JACKSON	2 57 26	84 00	1000	7A	MRS. WINNIE W. MORAN	3			
MC KINNEYSBURG	5301 PENOLTON	5 38 36	84 16	654	5P	EDWARD C. GIFFORD	2	3	5	
MIDDLEBORO	5324 WAYNE	2 36 50	84 04	960	7A	ALVIN L. BERTMAN	3			
MIDDLESBORO RR STA	5394 BELL	2 36 37	83 43	1150	5P	MID SNEED C. PRIAR	2	3	5	
MIDWAY	5407 WOODFORD	4 38 09	84 41	-	8A	CITY OF MIDWAY	3			
MILLERSBURG	5430 BURBON	5 38 18	84 09	-	MIO	DAVID C. BAILEY	3			
MILLERSTOWN	5438 GRAYSON	3 37 27	86 05	308	7A	DVA M. LAWLER	3			
MONTICELLO	5454 JAMES P. RICE	2 36 50	84 00	960	7A	ALVIN L. BERTMAN	3			
MORDEHAU STATE COLLEGE	5555 ROWAN	5 38 11	83 26	770	MID	H. C. HAGAN	3			
MOUNT STERLING	5640 MONTGOMERY	5 38 04	85 56	930	5P	SP FREED CARTMILL	2	3	5	
MURFORDVILLE	5684 HART	3 37 16	85 53	336	7A	HUBERT E. HODGES	3			
MURRAY	5684 CALLOWAY	9 38 36	88 50	600	6P	MURRAY WATER SYSTEM	2	3	5	
OLIVE HILL	6012 CARTER	7 37 18	83 11	522	7A	ERIE SCHOOL	3			
OLNEY	6020 HOPKINS	7 37 14	87 47	380	7A	ART O. WILLIAMS	3			
OMENSBORO DAM 35	6053 CARROLL	3 36 58	87 07	634	6P	CORPS OF ENGINEERS	2	3	7	
OWENSBORO 2 W	6091 DAVIES	9 37 46	87 08	424	6P	JESSE FAIRCHILD	2	3	5	
OWENSBORO CAA AIRPORT	6096 DAVIES	7 37 47	87 08	404	7A	CORPS OF ENGINEERS	3			
PAUCAN CAA										



# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

\* And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

© Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

T Trace, an amount too small to measure.

V Includes total for previous month.

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N.W.R.C., Asheville, N. C. --- 1/3/55 1/3/55 --- 800

# KENTUCKY

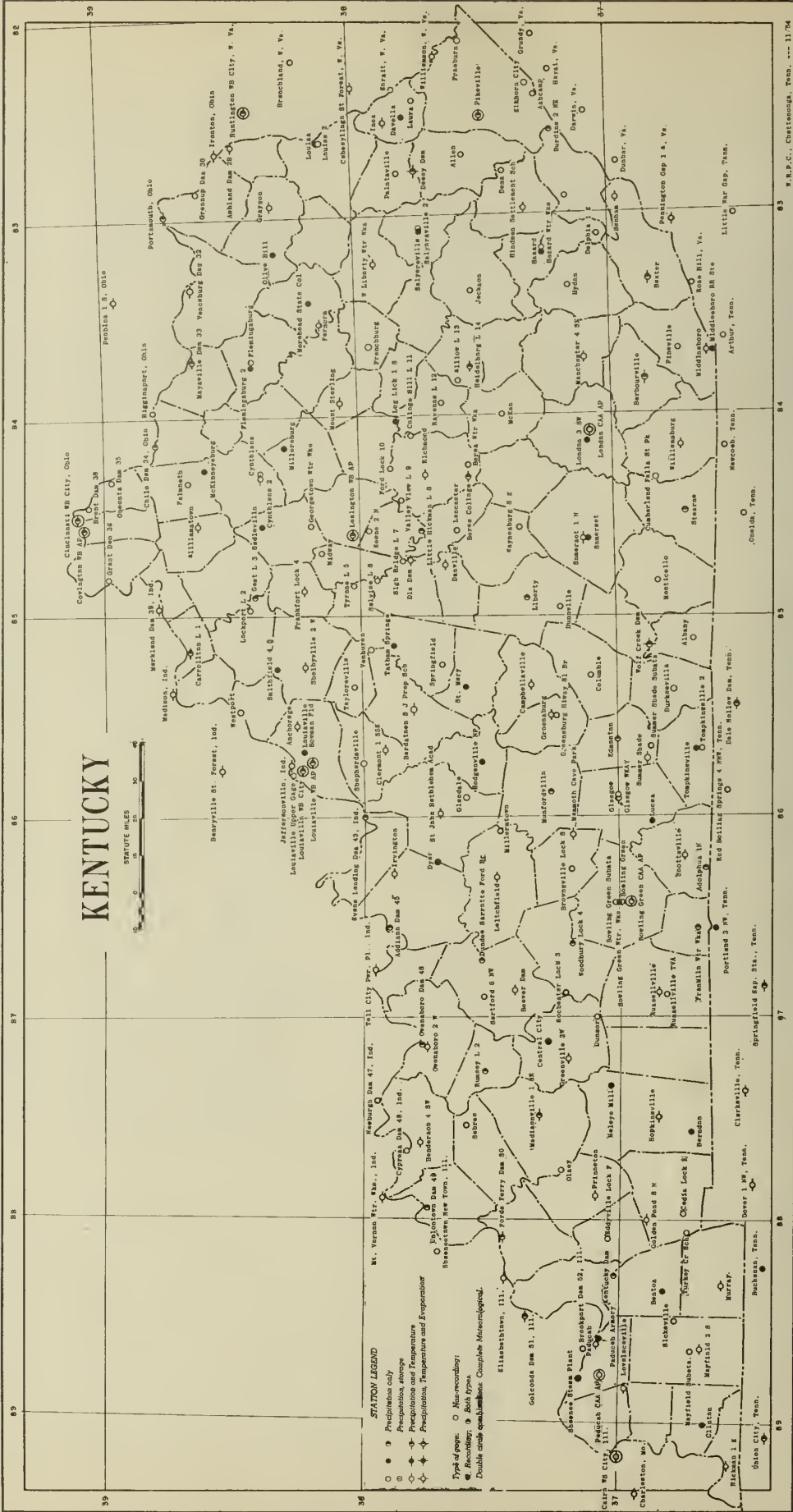


## STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation, storage, temperature
- Precipitation, temperature and evaporation
- Non-recording
- Recorder
- Both types
- Double circle complete meteorological

Type of page: ○ Non-recording;  
● Recorder; ○ Both types

Double circle complete meteorological



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

U.S.P.C., Chattanooga, Tenn. --- 11/74

*Nat. Hist.*

551.05  
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v.49<sup>12</sup>

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

## KENTUCKY

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DECEMBER 1954  
Volume XLIX No. 12



ASHEVILLE: 1955

*NAT.  
HIST.*



## WEATHER SUMMARY

An excess of precipitation in December substantially compensated the dryness of the previous month. This was particularly noticeable in the Western Division which had only 0.95 inch in November but received 5.70 inches in December. The state average of 4.85 inches was 1.01 inches above normal. Monthly extremes ranged from 8.07 inches at Middlesboro to 2.27 inches at Carrollton Lock No. 1, and the greatest daily amount was 2.51 inches at Paducah CAA AP on the 5th. Temperatures averaged 36.9°, or 0.9° below normal. The highest temperature during the month was 72° and occurred at Pikeville on the 27th and again at Wolf Creek Dam on the 30th. This was the lowest December state maximum since 1945. Grayson reported the lowest temperature in the state, 8° on the 7th and 8th. The monthly temperature range of 64° was the smallest since 1944 but was equaled in 1952. Based on available information, the percentage of possible sunshine was moderately below normal in most areas of the state.

The first day of the month was cloudy and seasonably mild, with scattered light rains in the Central Division, as a widespread disturbance moved southeastward across the state. Cooler air followed, lowering temperatures moderately during the 2nd and 3rd, and decreasing the cloudiness in the west portion. Mild, partly cloudy weather prevailed on the 4th under the influence of light southerly winds in advance of a disturbance approaching from the west. This disturbance remained to the south of Kentucky as it moved to the Atlantic Coast, causing mostly light precipitation in the state on the 5th. The leading edge of a cold air mass entered the state on the 5th, bringing temperatures considerably below normal during the 6th-8th period, and equaling the minimums for the month at some stations. There was nearly 100% of the possible sunshine on the 6th and 7th. On the 8th-9th, general light to moderate precipitation occurred when a disturbance developed in the Missis-

sippi Valley and moved across the Ohio Valley-Great Lakes states. Temperatures were near-normal on the 9th then dropped moderately on the 10th as the fringes of a cooler air mass affected the state. The period from the 12th through the 21st was one of daily precipitation in nearly all areas of the state due to the frequent passage of low pressure centers over or near Kentucky. Daily precipitation amounts during this period were mostly light, except on the 12th when moderate rains occurred. Temperatures remained near-normal from the 11th through the 18th but with some warming on the 17th. The action of the successive Low centers finally drew a large mass of cold air southward from Canada, resulting in the last cold spell of the month from the 19th through the 22nd. Cloudiness diminished on the 22nd, and the following four days were sunny and gradually warmer, reaching very mild levels on the 26th. The state experienced the warmest period of the month - the only one lasting more than one day - from the 26th through the 29th. This resulted from the circulation of warm air, with increasing moisture, over the state by the actions of a High off the Atlantic Coast and an elongated low pressure system approaching slowly from the west. Moderate amounts of precipitation occurred from the 27th to the 29th, with locally heavy rainfall reported along the Ohio River, during the passage of the Low center. Cold air associated with a large high pressure center moved southward to the Gulf and was tempered considerably before reaching the state, producing near-normal temperatures and cloudy skies on the last two days of the month.

Farm work was mostly limited to seasonal chores during December. The condition of small grains was good but growth was retarded by periods of unseasonable cold during the month. Pastures ranged from fair to good with adequate topsoil moisture.

J. E. Stork

# SUPPLEMENTAL DATA

KENTUCKY  
DECEMBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
LEXINGTON WB AP	SSE	19	14.5	-	-	-	81	84	70	79	7	4	6	2	0	0	19	-	7.1
LOUISVILLE WB AP	SE	13	9.3	38	SW	29	77	82	68	73	4	4	3	5	0	0	16	28	7.7

# COMPARATIVE DATA

DECEMBER

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1889	50.2	78	13	1.57	-	1914	32.8	70	-16	5.22	7.7	1939	38.8	72	-2	2.32	6.8
1890	47.8	70	12	3.51	-	1915	37.0	64	9	7.56	3.3	1940	42.7	75	8	3.16	T
1891	42.4	70	15	4.10	-	1916	35.5	74	-14	4.23	10.1	1941	42.5	72	11	2.80	T
1892	34.6	74	-3	4.22	-	1917	26.5	72	-21	2.01	17.3	1942	36.3	76	-5	5.34	4.5
1893	39.0	78	10	2.69	-	1918	44.8	75	14	4.44	0.7	1943	35.2	68	-1	2.24	1.3
1894	38.7	76	-11	4.31	-	1919	34.6	68	3	4.93	1.0	1944	33.0	63	-5	3.62	4.4
1895	38.8	77	6	4.43	-	1920	38.6	68	4	2.89	2.0	1945	31.8	65	-7	2.50	7.6
1896	38.8	73	7	1.82	-	1921	41.7	73	18	4.40	0.1	1946	42.3	77	7	3.19	1.0
1887	38.0	72	3	3.75	2.5	1922	41.5	77	5	5.64	0.2	1947	37.8	73	8	1.77	T
1898	34.1	70	-12	2.74	5.7	1923	46.6	75	8	6.80	2.1	1948	40.5	74	-6	4.49	1.6
1899	34.8	70	-15	4.26	2.6	1924	35.9	79	-9	5.97	1.2	1949	40.9	73	7	5.70	0.3
1800	38.6	77	12	2.59	0.1	1925	34.8	70	-5	0.89	1.7	1950	32.1	74	1	2.38	3.7
1801	32.3	72	-22	4.90	5.7	1826	37.8	75	5	6.01	0.3	1951	39.5	85	-8	7.43	1.4
1802	38.7	72	-3	7.36	2.4	1927	37.4	77	1	3.37	0.5	1952	39.5	73	-9	3.87	1.1
1803	30.7	58	0	2.88	2.0	1928	39.5	72	5	2.32	T	1953	36.8	75	-7	2.72	2.5
1904	38.4	72	-2	4.30	2.4	1929	39.0	76	-15	2.72	6.8	1954	36.9	72	8	4.85	1.4
1905	37.3	66	11	4.38	1.2	1930	35.4	69	2	2.21	2.6						
1906	39.0	78	-9	5.84	1.6	1931	46.1	73	17	5.48	0.0						
1907	38.5	70	8	3.20	1.0	1932	37.9	72	-8	4.32	1.9						
1908	39.8	74	7	2.42	0.4	1933	44.2	75	-5	4.99	1.4						
1909	29.9	79	-14	3.46	3.3	1934	37.0	69	5	2.18	1.5						
1910	31.1	66	-3	3.37	6.6	1935	30.0	63	-14	2.39	9.0						
1911	41.8	74	11	6.25	0.4	1936	40.5	70	10	4.51	2.0						
1812	37.2	73	5	3.98	5.2	1937	35.5	68	0	2.94	2.0						
1913	38.5	70	11	2.73	1.6	1938	37.9	67	3	1.85	0.2						

Data for the period beginning with January 1949 to date have been weighted on an areal base and are not comparable with unweighted values published in this table for earlier years.

## CLIMATOLOGICAL DATA

KENTUCKY  
DECEMBER 1954

TABLE 2

Station	Temperature												Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More	
WESTERN DIVISION																								
BEAVER DAM	46.0	30.2	38.1	.0	61	26+	22	7+	825	0	1	20	0	4.54	.89	1.19	28	.5	1	19+	9	5	1	
FDRDS FERRY DAM 5D	47.0	30.7	38.9		62	26	24	7+	802	0	1	22	0	4.43	1.52	1.65	28	T	T	18+	8	2	2	
GOLDEN POND 8 N	49.5	29.2	39.4		67	4	18	16+	787	0	0	19	0	6.46		2.33	5	.5	T	19	8	4	3	
GREENVILLE 2 W	47.5	29.1	38.3	.1	62	26	18	10	821	0	1	22	0	5.33	1.60	1.27	5	2.0			8	5	2	
HENDERSDN 4 SW	45.1	30.8	38.0	.7	61	26	21	20	833	0	2	21	0	3.89	.08	.92	5	2.3	1	19+	8	4	0	
HICKMAN 1 E	47.9	29.3	38.6		63	5	19	20		0	1	25	0	6.09		1.35	5	.0	0		8	5	3	
HDPKINSVILLE	46.8	26.6	36.7	2.1	61	5+	19	10		0	2	29	0	7.50	3.14	1.40	28	1.0	0		10	6	3	
LDVELACEVILLE	47.7	29.7	38.7	.2	61	4+	19	10	808	0	0	20	0	6.99	3.37	2.30	5	1.0	0		7	5	4	
MADISONVILLE 1 SE	47.4	30.1	38.8		64	23	18	25	807	0	1	23	0	4.78		1.29	28	.5	0		7	4	1	
MAYFIELD 2 S	48.7	29.9	39.3	.5	63	4	20	20	790	0	0	22	0	5.70	1.71	1.52	28	1.0	0		8	4	3	
MURRAY	50.4	30.8	40.6	.9	65	4	20	3	751	0	0	20	0	5.24	1.45	1.73	5	T	T	18+	6	3	3	
DWENSDRO 2 W	44.4	30.4	37.4	.5	60	26	20	20	848	0	2	22	0	4.62	1.22	1.12	28	1.8	1	19+	10	3	1	
PADUCAH CAA AIRPORT	46.3	30.0	38.2		60	4+	23	7+	824	0	1	25	0	7.30		2.51	5	1.0	T	19	7	4	4	
PADUCAH	47.1	29.9	38.5	.3	62	5+	23	25		0	1	23	0	7.24	3.65	1.60	28	.5	1	13	9	5	4	
PRINCETDN	47.6	29.0	38.3	.4	64	26	20	3+	820	0	1	24	0	5.54	1.70	2.00	5	1.0			8	5	2	
RUSSELLVILLE	46.7	29.9	38.3	.6	60	4+	20	16+	817	0	1	21	0	5.54	1.87	1.17	28	.0	0		7	5	3	
DIVISION												5.70				.8								
CENTRAL DIVISION																								
ANCHDRAGE	43.6	27.5	35.6	.9	60	27	15	22	907	0	2	23	0	4.39	.76	1.31	28	1.5	T	9+	9	5	1	
BARDSTOWN 5 J PREP SCH	46.4	28.7	37.6		64	27	16	7	844	0	1	23	0	4.56		1.23	5	T	T	9+	9	3	2	
BDWLING GREEN CAA AP	45.8	29.0	37.4	.5	64	29	18	7	846	0	2	23	0	4.59	.17	1.23	12	T	0	7	3	3		
CAMPBELLSVILLE	46.7	32.1	39.4		67	29	20	7	785	0	2	18	0	3.66		1.04	5	1.0	1	19	7	3	2	
CARRDLTDN LDCK 1	44.6	28.9	36.8		60	27	15	8+	866	0	2	20	0	2.27	.57	.80	28	T	0		4	2	0	
CLERMONT 1 SSE	47.0	27.2	37.1		63	27	12	8	858	0	2	24	0	5.14		1.17	28	.5	0		10	4	2	
COVINGTON W B AIRPORT	40.4	27.5	34.0	.4	58	27	13	22	955	0	5	25	0	2.86	.03	.84	28	5.2	2	13	7	2	0	
DANVILLE	44.0	27.4	35.7	.7	67	28	17	7+		0	3	26	0	4.28	.21	1.23	6	1.5	2	20	8	3	2	
DIX DAM	44.2	29.0	36.6		66	27	17	7+	874	0	2	25	0	3.90		1.18	6	.4	T	17+	7	2	2	
FRANKFDRT LDCK 4	44.2	25.5	34.9	2.1	65	28	15	8		0	3	27	0	2.88	.49			.0	0				0	
GLASGOW WKAY	45.8	30.2	38.0		66	29	19	20	827	0	2	22	0	5.64		1.37	28	.8	1	19+	8	4	3	
GREENSBURG	46.1	28.0	37.1	.1	65	28+	16	7		0	1	22	0	4.13	.06	1.20	29	.5	1	19	7	3	2	
IRVINGTON	45.5	30.0	37.8	.8	64	29	17	20	836	0	3	21	0	4.57	.90	.93	5	.5	T	19	8	4	0	
LEXINGTON	45.1	30.5	37.8	.6	62	29	18	20	837	0	2	21	0	5.30	.91	1.56	28	1.0	1	19+	8	4	1	
LEXINGTON W8 AIRPDR	42.3	28.0	35.2	.3	65	27	14	20	916	0	4	23	0	3.38	.30	.88	28	1.6	1	19+	8	2	0	
LDUISVILLE W8 AP	44.0	29.9	37.0	.1	60	26+	20	22	862	0	2	20	0	3.87	.57	.82	12	.1	T	19+	8	5	0	
LDUISVILLE W8 CITY	43.9	31.6	37.8	.2	60	27	22	20	839	0	2	18	0	3.57	.26	.73	27	T	T	19	7	4	0	
MAMMDTH CAVE PARK	46.4	28.5	37.5	2.3	64	29	17	7	845	0	2	21	0	5.07	1.45	1.35	28	1.5	1	19+	10	5	2	
ST JOHN BETHLEHEM ACAD	44.2	26.7	35.5	.2	62	30	17	20+		0	3	26	0	5.23	1.13	1.30	28	T	0		8	4	2	
SCOTTSVILLE	47.2	30.8	39.0		69	29	21	7	798	0	1	20	0	5.50		1.56	5	1.0	T	19+	8	4	3	
SHELBYVILLE 2 W	44.0	28.8	36.4	.9	61	27	16	20+	880	0	2	24	0	4.23	.38	1.10	29	2.2	0		7	3	2	
SOMERSET 1 N	45.6	28.7	37.2		68	29	16	8	858	0	2	22	0	6.24		1.19	5	.5	1	19	11	4	1	
SUMMER SHADE	45.5	28.9	37.2		68	29	18	20	855	0	3	22	0	5.53		1.47	28	1.1	1	19	8	3	3	
WILLIAMSTOWN 5 WSW	40.2	25.6	32.9	2.0	62	28	13	22+		0	5	27	0	3.62	.25	1.25	29	3.6	2	13	5	4	1	
WOLF CREEK DAM	48.2	28.7	38.5		72	30	20	7+		0	1	23	0	6.20		1.39	6		T	19+	8	5	2	
DIVISION												4.42				1.0								
EASTERN DIVISION																								
ASHLAND DAM 29	44.8	29.0	36.9	.9	65	27	14	8	862	0	2	20	0	3.13	.04	.91	30	3.3	3	20	6	3	0	
BARSDURVILLE	50.1	28.3	39.2		69	27	12	8	794	0	1	22	0	6.71		1.80	29	3.5	4	20	13	6	1	
BAXTER	44.2	25.7	35.0		70	28	13	8		0	3	25	0	6.54		1.70	29	5.0	5	20	10	6	2	
BENHAM	45.7	25.1	35.4		67	27	10	8		0	4	27	0	6.53		1.46	29	14.7	4	20	9	6	3	
BEREA COLLEGE	45.3	28.6	37.0	.8	69	27	17	7	863	0	3	24	0	4.96	.84	1.16	5	1.0	1	20+	9	4	1	
CYNTHIANA 2	42.2	26.0	34.1		65	28	10	22		0	4	26	0	3.06		.73	29	1.3			8	3	0	
DEWEY DAM	46.1	25.7	35.9		69	28	12	7+		0	3	23	0	4.25		1.10	29	1.0	T	10+	7	4	1	
FARMERS	45.8	26.7	36.3	.2	68	28	10	7+	883	0	2	24	0	3.56	.18	.84	18	2.4	1	19+	7	3	0	
GRAYSON	44.4M	24.9M	34.7M		67	27	8	7+	935	0	2	27	0	3.50		.97	18	.3	T	6+	6	3	0	
HEIDELBERG LDCK 14	46.4	27.1	36.8	.2	68	27	10	8	868	0	2	22	0	4.44	.58	.94	18	1.7	2	20	8	4	0	
HINDMAN SETTLEMENT SCH	43.8	23.7	33.8		64	28	9	8		0	4	26	0	4.32		1.33	29	T	T	11	5	5	1	
INEZ	45.9	26.6	36.3		68	27	9	7	882	0	2	23	0	3.85		1.58	29	1.5	1	20	8	2	1	
LDNDN CAA AP	43.5	27.3	35.4		66	29	14	8	909	0	5	25	0	6.86		1.42	28	1.5	1	19+	8	6	3	
MANCHESTER 4 SE	48.0	27.0	37.5		69	27	10	8	842	0	2	23	0	6.46		1.63	29	.7	T	19+	7	6	2	
MAYSVILLE DAM 33	42.4	26.3	34.4	.9	65	28	12	7+		0	3	24	0	2.96	.56	.55	18+		1	19	8	2	0	
MIDDLESBORO	48.0	28.5	38.3	.9	67	27	14	7+	824	0	2	20	0	8.07	3.60	1.98	29	4.9	4	20	10	6	4	
MDUNT STERLING	43.9	27.9	35.9	.5	68	27	13	7	893	0	2	25	0	5.36	1.42	.95	29				10	6	0	
PIKEVILLE	45.9	30.0	38.0	.2	72	27	14	7+	829	0	2	19	0	3.71	.24	1.19	29	T	T	3+	8	3	1	
RICHMOND	43.3	27.8	35.6	2.7	66	28	16	8		0	3	24	0	4.25	.44	1.15	29	1.0	1	19+	10	3	1	
VANCEBURG DAM 32	43.6	25.2	34.4		67	27	10	7	939	0	3	28	0	3.12	.18	.78	18	1.4	1	20+	7	2	0	
WEST LIBERTY WATER WKS	44.3	24.1	34.2		65	27	9	7+		0	2	29	0	4.30		1.00	18	1.5	0		8	4	1	
WILLIAMSBURG	47.1M	29.2M	38.2M	1.3	67	26+	16	7	826	0	3	19	0	5.28	1.47	1.90	29	.0	0		8	4	2	
DIVISION												4.78				2.3								
STATE												4.85				1.4								



# DAILY PRECIPITATION

KENTUCKY  
DECEMBER 1954

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADOLPHUS 1 N	4.66	.05				.04	.71			.45			.10	.87	.03	.10	.05	T		.10	.02	T								.77	.78	.12	
ALBANY	4.93	.04					.76			.25			.46	.45	.03	T	T	.03	.04		.10	.05								.77	.78	.12	
ANCHORAGE	4.84						.90			.78	.11	.05	.07	.24	.09	.11	.05	.15		.04	.03										1.30	.33	
ANCHORAGE	4.39			T		.17				.41	.17	T	.51	.33	.09	.11	.05	.12	.01	.07											1.93	.58	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51	.33	.09	.11	.05	.12	.01	.07										.05	1.15	.55	
ANCHORAGE	4.39						.90			.78	.11	T	.51																				

# DAILY PRECIPITATION

Table 3--Continued

KENTUCKY  
DECEMBER 1954

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RUSSELLVILLE	5.54	.13				.35	1.08						.04	1.12																	1.17	.99	.06	
RUSSELLVILLE SUBSTA	6.25	.10				1.25	.20			.35			.70	1.30	.10				.10	T	.05	T									1.40	.70	.17	
ST JOHN BETHLEHEM ACAD	5.23	.05				.01	1.01	.01		.34	.04		.30	.73	.05	.02			.22	.02	.05	.01									1.30	.80	.27	
SALVISA LOCK 6	3.74	T				T	.78			.38	.10		.04	.44	.02	.01			.08	.12	.06	.01	.01	T							.15	.89	.62	
SALYERSVILLE 2 SE	4.24						.84			.45				.32	.22	.11	.13		.52		.01	.03									.05	.73	.83	
SCOTTSVILLE	5.30					1.56			.15	.24			1.03	.37		.05			.11		.09							.02			1.31	.57		
SEBREE	4.49	.12				.32	.72			.28	T		.41	.68	T	T			.03	T	.10	T	T					.30			1.29	.26	.28	
SHAWNEE STEAM PLANT	7.19					1.30	1.62			.10			.60	.90	.01				.03	.03											1.98	.14	.21	
SHELBYVILLE 2 W	4.23			T	T		.22			.49	.13		.05	.70	.03	.02	.02	.09	.03	.05	.02	T									1.00	1.10	.28	
SHEPHERDSVILLE	4.72						.62			.38				.90	.05	.04					.06										1.30	1.05	.32	
SOMERSET 1 N	6.24	.03				1.19			.02	.49	T	.02	.48	.48	.05	.16			.90	.28	.10	.10										.98	.96	
SPRINGFIELD	3.20					.51	.77						.16	.10		T			.12	T											.37	.87	.30	
STEARNS	7.44						1.35			.47			.26	.67	.18	T	.03		.13	1.32	T	.21										1.97	.85	
SUMMER SHADE	5.53	.02				1.38			.20	.28			1.18	.19	.03	.02			.28	.01	.07	T									1.47	.42		
SUMMER SHADE SUBSTA	5.88	.03					1.51			.50			.55	.90	.03	.02	T		.10	.20	.07	.03	T								1.53	.41		
TAYLORSVILLE	4.04						.50			.48	.06		.05	.66	.05	.03			.21		.14											.77	.66	.43
TOMPKINSVILLE 2	6.19						2.00			.40			.40	.60		E.05				.50						.04						1.80	.60	
TURKEY CREEK SCHOOL	6.22	.10				1.22	.80			.13			.72	1.17	.04		.01	.06	.01	.03								.01			1.38	.49	.05	
TYRONE LOCK 5	3.24	T					.39			.32	.06		.03	.42	.03	.02	.03	T	.16	.05	.02	T										.31	.84	.56
UNIONTOWN DAM 49	3.65	.09				.10	.61			.11	.03		.25	.70	.04	T	T		T	T	.02	T									1.13	.24	.13	
VALLEY VIEW LOCK 9	3.81	T					1.00			.21	.02		.08	.37	T	T	T		.04	.50	.02	T	T	T								T	1.02	.55
VANBUREN	4.25						.78			.28	.05		.12	.41	.05	.01	.08	.12	.23	.15	.04											.75	.70	.48
VANCEBURG DAM 32	3.12									.48				.34	.10	.04	.07		.78	.05	.01	.01	T									.11	.75	.38
WAYNESBURG 6 E	5.70					1.21				.39	.03		.21	.67	.08	.02			1.06	T	.10											1.06	.87	
WEST LIBERTY WATER WKS	4.30						.67			.46	.10		T	.25	.10	.05	.02		1.00		.05											.86	.74	
WESTPORT	3.43			T	T	.10			.37	T			.74	T	T	T	.10	.02	.12	T	T											1.10	.70	.18
WILLIAMSBURG	5.28					.23							.55	.35	1.00		.12				.18											.95	1.90	
WILLIAMSTOWN 5 WSW	3.62	T								T	T	T		.62	.06	T	T		.04	.16	T	.06										.72	1.25	.71
WILLOW LOCK 13	4.62						1.23			.03			.05	.27	.07	.02	.05		1.04		.14											.87	.85	
WOLF CREEK DAM	6.20	.03				T	1.39			.49	.03		.21	.99	.02		.13	.02	.92	.04	.04											1.28	.61	
WOODBURY LOCK 4	5.27	.06				.10	.92			.22			.33	.90		.02			.10		.03	.02										1.05	1.34	.18

# DAILY TEMPERATURES

KENTUCKY  
DECEMBER 1954

Table 5.

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ANCHORAGE	MAX	55	40	42	57	47	36	36	40	44	37	42	38	35	38	37	41	51	40	33	26	30	37	55	45	52	59	60	59	54	40	45	43.6
	MIN	38	23	28	25	33	22	17	18	31	24	21	32	33	33	32	29	35	31	25	17	22	15	25	25	21	27	36	43	38	30	25	27.5
ASHLAND DAM 29	MAX	55	50	38	52	40	38	33	46	46	36	42	35	41	41	39	38	45	41	35	30	27	34	59	54	52	61	65	62	55	55	44	44.8
	MIN	37	33	29	30	30	23	15	14	33	31	25	25	34	39	32	33	34	34	28	21	20	15	24	32	25	25	28	44	39	36	30	29.0
BARBOURVILLE	MAX	60	56	43	52	53	44	42	44	48	40	47	48	45	44	43	46	46	49	39	30	34	39	64	62	58	64	69	66	68	67	44	50.1
	MIN	32	35	25	22	32	24	15	12	32	30	20	25	33	36	32	33	34	34	29	22	24	26	21	20	52	16	28	52	52	35	26	28.3
BARDSTOWN S J PREP SCH	MAX	53	49	44	56	56	38	40	43	46	38	48	43	40	38	38	44	52	43	36	30	35	38	57	49	53	61	64	61	63	38	45	46.4
	MIN	36	24	28	30	26	20	16	17	31	29	22	34	34	32	31	27	35	31	24	27	28	17	25	31	33	31	37	44	35	30	25	28.7
BAXTER	MAX	49	54	42	36	51	44	33	39	43	45	32	40	40	50	39	35	40	45	39	34	26	30	38	54	41	54	59	70	62	65	42	44.2
	MIN	21	36	24	20	20	24	14	13	14	30	20	23	32	37	34	31	31	34	30	22	21	22	21	21	17	17	23	32	51	36	26	25.7
BEAVER DAM	MAX	52	41	47	60	52	39	38	40	47	39	48	43	41	41	39	41	54	41	33	30	34	42	57	51	54	61	55	58	61	41	47	46.0
	MIN	38	27	30	23	37	24	22	23	35	24	24	35	33	33	33	23	37	31	26	22	28	27	30	30	22	32	42	47	38	32	29	30.2
BENHAM	MAX	50	55	40	39	46	40	32	32	50	46	32	38	44	44	36	35	48	53	36	35	29	40	48	58	52	64	67	63	65	65	42	45.7
	MIN	25	32	20	16	24	19	12	10	14	28	21	25	30	35	32	29	30	32	28	19	19	22	19	22	24	28	18	35	50	35	25	25.1
BEREA COLLEGE	MAX	54	50	41	54	48	33	35	41	44	33	46	40	38	35	36	40	47	37	31	27	29	39	58	54	56	60	69	59	66	60	44	45.3
	MIN	38	28	24	32	33	23	17	18	32	27	24	32	34	33	31	31	36	31	25	20	22	22	27	28	24	27	32	44	40	26	26	28.6
BOWLING GREEN CAA AP	MAX	56	42	45	58	48	37	37	45	46	40	45	40	40	39	36	43	50	40	32	31	35	43	60	47	55	59	58	60	64	45	45	45.8
	MIN	39	29	28	29	31	23	18	23	27	23	25	35	35	34	27	21	36	30	25	21	29	28	28	25	20	26	44	47	34	30	28	29.0
CAMBELLSVILLE	MAX	55	50	43	55	52	37	39	40	45	40	48	49	41	38	37	42	49	43	38	29	32	38	58	53	55	60	65	60	67	48	43	46.7
	MIN	39	29	25	28	32	24	20	23	35	30	25	36	37	35	33	30	39	33	29	23	28	25	31	30	28	32	42	56	48	35	31	32.1
CARROLLTON LOCK 1	MAX	55	44	40	54	52	39	34	41	44	35	44	40	36	37	37	40	51	50	36	28	30	35	54	50	50	58	60	59	56	49	45	44.6
	MIN	39	29	29	27	37	23	18	15	33	30	23	33	32	34	33	28	34	31	26	16	16	15	27	29	19	29	39	53	37	33	30	28.9
CLERMONT 1 SSE	MAX	56	46	45	59	54	37	38	44	45	40	49	45	40	39	39	43	51	45	36	30	30	39	58	55	55	61	63	59	59	51	46	47.0
	MIN	36	22	26	25	34	22	14	12	32	29	19	33	32	32	30	26	36	30	27	20	23	13	22	25	16	25	37	53	39	32	22	27.2
COVINGTON W B AIRPORT	MAX	49	36	38	50	41	32	34	40	43	31	43	38	35	35	35	36	48	35	30	23	32	33	50	43	47	57	58	57	49	35	42	40.4
	MIN	34	25	26	29	27	21	15	19	29	25	23	33	32	32	30	30	32	29	22	18	18	13	24	28	30	35	43	36	34	31	28	27.5
CYNTHIANA 2	MAX	45	55	40	37	54	40	29	35	43	38	33	44	36	36	37	38	39	48	35	31	21	30	40	55	41	52	59	65	60	56	36	42.2
	MIN	29	31	28	26	32	22	11	11	30	29	17	24	33	34	32	29	32	32	29	19	18	10	16	26	18	23	29	40	38	33	26	26.0
DANVILLE	MAX	49	55	42	43	56	41	33	36	44	38	34	45	40	37	35	35	43	48	37	32	28	29	38	57	46	54	61	67	58	65	37	44.0
	MIN	24	28	25	27	32	22	17	17	25	29	23	28	34	33	32	30	30	32	29	20	20	18	19	29	22	23	36	41	41	32	31	27.4
DEWEY DAM	MAX	50	57	44	45	50	38	32	35	49	49	34	45	38	41	41	49	48	52	40	40	28	30	37	61	45	54	63	69	63	63	39	46.1
	MIN	22	35	25	22	34	20	12	12	12	31	22	23	33	37	34	31	30	36	31	24	22	23	18	18	21	19	23	24	42	36	25	25.7
DIX DAM	MAX	54	44	41	55	52	36	35	40	38	34	41	42	40	36	36	43	47	37	35	27	28	37	56	52	53	61	66	60	54	46	44.2	
	MIN	38	26	25	29	32	27	17	19	30	28	29	32	33	32	30	30	33	30	24	17	21	17	27	27	23	32	39	54	40	31	28	29.0
FARMERS	MAX	55	51	38	53	45	37	34	43	46	36	45	42	37	37	37	38	48	47	35	29	32	39	57	55	53	63	67	68	58	56	40	45.8
	MIN	37	32	29	22	28	22	10	11	33	30	22	24	34	35	32	31	32	32	28	23	10	11	19	27	20	21	26	47	40	33	26	26.7
FORDS FERRY DAM 50	MAX	49	42	50	60	56	37	39	46	50	43	50	46	39	42	38	43	53	38	33	32	40	42	59	49	56	62	56	60	51	45	52	47.0
	MIN	39	36	36	30	35	26	24	27	35	24	29	36	32	30	31	25	32	30	27	25	28	30	28	30	26	33	41	40	36	30	30	30.7
FRANKFORT LOCK 4	MAX	51	55	40	41	56	43	30	35	45	41	36	44	37	37	38	37	43	51	36	34	28	30	38	56	48	52	60	65	60	57	47	44.2
	MIN	21	29	26	29	27	23	20	15	17	30	22	23	32	34	33	32	32	32	30	19	16	16	16	23	21	20	24	31	39	33	27	25.5
GLASGOW WKAY	MAX	55	44	44	57	52	38	38	42	46	41	41	42	40	37	37	42	51	39	34	30	32	40	60	50	54	61	62	60	66	42	42	45.8
	MIN	40	27	23	25	36	25	21	21	30	25	22	35	29	34	33	21	38	32	27	19	27	26	31	26	29	31	45	56	41	32	30	30.2
GOLDEN POND 8 N	MAX	55	47	50	67	61	40	38	45	50	46	52	49	41	39	40	45	55	41	36	33	46	44	60	53								



# DAILY TEMPERATURES

KENTUCKY  
DECEMBER 1954

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAMMOTH CAVE PARK	MAX	55	48	45	57	51	42	38	40	43	40	44	39	44	37	37	40	51	42	37	31	32	40	59	51	55	60	61	58	64	53	44	46.4
	MIN	39	29	26	26	26	24	17	18	36	23	20	35	36	34	33	21	36	31	21	18	26	23	26	30	19	19	42	47	45	31	25	28.5
MANCHESTER 4 SE	MAX	57	52	41	55	48	40	39	45	47	38	45	40	43	41	37	44	48	47	36	30	31	40	61	59	57	62	69	63	67	62	45	48.0
	MIN	31	34	22	18	29	23	13	10	35	29	19	25	38	34	31	31	31	33	28	21	22	25	20	21	15	19	24	48	52	34	22	27.0
MAYFIELD 2 S	MAX	55	45	50	63	56	38	40	46	51	46	46	44	41	43	45	47	53	39	33	39	46	46	60	54	56	60	56	59	56	46	51	48.7
	MIN	38	34	23	30	36	24	21	30	32	22	29	35	31	29	29	25	37	29	25	20	25	23	31	28	26	38	46	41	34	26	30	29.9
MAYSVILLE DAM 33	MAX	45	53	39	39	54	40	34	34	45	42	34	44	35	37	36	37	37	47	36	31	27	29	35	54	45	52	60	65	58	53	37	42.4
	MIN	22	31	28	27	27	24	12	12	16	31	25	23	32	34	34	33	33	35	31	23	22	13	13	26	25	23	25	29	38	35	32	26.3
MIDDLESBORO	MAX	55	51	44	58	49	45	43	44	45	39	46	43	48	46	39	44	42	42	36	31	30	41	55	52	56	61	67	61	65	65	46	48.0
	MIN	33	36	22	19	30	25	14	14	35	31	18	27	38	37	33	28	34	35	30	21	22	28	21	26	17	23	27	45	53	36	25	28.5
MOUNT STERLING	MAX	54	43	38	53	44	35	34	42	43	33	43	37	38	36	36	38	46	46	34	27	30	36	54	48	54	61	68	60	59	49	43	43.9
	MIN	37	27	27	27	32	21	13	16	30	28	21	28	33	33	30	28	31	31	25	18	20	15	26	27	24	30	37	51	39	32	27	27.9
MURRAY	MAX	60	48	51	65	63	40	45	52	50	48	47	45	45	44	47	47	53	43	35	38	46	45	63	53	57	63	56	59	57	47	50	50.4
	MIN	41	36	20	27	39	26	24	31	34	21	29	37	33	32	31	23	38	32	28	24	27	23	27	28	21	35	48	44	37	28	30	30.8
OWENSBORO 2 W	MAX	49	40	42	57	50	40	41	38	40	39	45	42	38	40	35	42	52	39	32	28	33	39	56	49	54	60	54	57	51	42	53	44.4
	MIN	35	28	30	24	38	23	23	25	33	27	26	35	31	31	31	26	35	31	26	20	28	23	30	28	24	34	45	53	38	31	30	30.4
PAOUCAH CAA AIRPORT	MAX	51	42	48	60	49	35	40	49	42	45	47	40	35	41	42	44	52	36	32	35	45	43	60	47	54	59	58	59	52	44	50	46.3
	MIN	37	29	25	29	30	26	23	29	29	23	35	32	32	32	27	25	32	31	24	24	25	24	32	29	23	41	48	38	32	28	35	30.0
PAOUCAH	MAX	48	52	41	50	62	49	37	39	50	42	45	48	40	36	43	45	50	54	37	32	35	45	44	60	49	56	62	59	55	52	45	47.1
	MIN	39	36	26	25	29	27	26	25	33	25	25	37	32	31	33	26	29	32	28	25	25	24	25	31	23	24	40	46	37	29	32	29.9
PIKEVILLE	MAX	56	53	36	57	40	39	37	42	50	37	45	39	47	43	39	39	46	45	36	29	29	39	62	44	57	61	72	66	58	41	40	45.9
	MIN	35	33	32	24	32	26	14	14	37	32	25	27	38	39	35	33	32	33	30	26	24	25	21	29	22	22	27	46	51	34	33	30.0
PRINCETON	MAX	54	43	51	61	54	40	41	43	49	45	48	45	40	40	39	40	54	39	33	32	47	45	60	51	51	64	55	59	48	54	51	47.6
	MIN	35	28	20	21	41	24	24	27	33	24	25	36	32	31	30	20	32	31	26	22	25	29	23	24	21	29	45	49	37	28	26	29.0
RICHMOND	MAX	47	54	42	40	50	40	33	35	43	37	34	37	39	36	35	36	44	47	36	31	28	30	39	58	45	54	64	66	59	64	40	43.3
	MIN	29	29	24	28	35	23	18	16	30	30	24	29	34	34	33	31	32	32	29	19	22	21	25	27	20	26	24	37	43	34	25	27.8
RUSSELLVILLE	MAX	59	43	47	60	54	36	36	40	47	41	48	43	40	40	38	41	54	41	35	31	43	44	60	50	54	60	57	60	54	44	48	46.7
	MIN	40	32	22	29	27	25	22	24	28	23	25	36	34	33	33	20	37	32	25	22	29	28	29	27	20	36	44	49	37	30	29	29.9
ST JOHN BETHLEHEM ACD	MAX	47	54	37	45	58	45	34	36	45	38	40	46	40	36	40	35	45	51	37	32	28	30	38	57	45	54	60	60	58	62	36	44.2
	MIN	21	25	28	24	27	22	18	19	27	28	22	28	33	32	33	26	27	31	28	17	17	20	20	27	25	29	33	44	40	32	26	26.7
SCOTTSVILLE	MAX	56	49	46	58	52	39	38	41	47	45	44	40	41	38	36	43	48	42	34	31	35	43	60	53	56	62	62	62	69	46	46	47.2
	MIN	39	28	24	30	39	25	21	23	34	23	24	33	32	33	32	22	38	32	27	22	27	29	32	28	22	32	43	56	43	33	29	30.8
SHELBYVILLE 2 W	MAX	54	43	40	56	52	36	35	40	38	35	41	38	37	37	37	40	49	47	34	27	32	36	54	49	51	59	61	58	55	49	44	44.0
	MIN	37	21	28	29	35	22	17	18	32	29	22	32	32	33	32	30	35	31	26	16	22	16	26	27	24	32	38	53	38	32	27	28.8
SOMERSET 1 N	MAX	55	46	42	56	45	38	37	42	45	36	44	40	40	38	36	42	47	38	34	27	30	38	60	52	55	61	67	62	68	50	44	45.6
	MIN	37	30	20	26	37	24	18	16	33	24	19	31	36	33	30	28	34	32	26	19	23	24	24	27	20	23	40	52	48	32	23	28.7
SUMMER SHADE	MAX	54	43	45	57	50	35	37	43	46	39	41	40	40	37	36	42	49	44	32	29	32	38	60	45	55	62	63	60	68	43	44	45.5
	MIN	38	24	22	25	34	24	20	19	31	23	22	34	35	33	32	22	37	30	26	18	25	26	28	24	23	31	38	53	39	32	27	28.9
VANCEBURG DAM 32	MAX	51	47	37	50	40	34	30	45	43	29	41	35	37	38	36	38	48	49	35	29	33	33	53	48	47	60	67	60	60	54	45	43.6
	MIN	33	25	25	24	29	25	10	11	30	28	20	24	30	32	30	29	28	30	24	19	16	11	16	28	22	23	26	41	34	31	28	25.2
WEST LIBERTY WATER WKS	MAX	49	55	42	43	55	45	36	35	46	44	34	47	37	38	37	37	38	47	38	35	28	30	40	55	40	52	65	64	60	57	44	44.3
	MIN	32	32	23	23	20	20	9	9	10	28	19	23	32	33	33	30	32	32	32	22	20	24	21	20	15	18	30	30	25	30	20	24.1
WILLIAMSBURG	MAX	59	50	41	45	42	31	46	49	36	44	47	41	44	45	51	47	47	48	38	27	31	39	62	56	55	67	64	67				47.1
	MIN	35	35	23	34	24	24	16	35	26	19	23	35	34	32	32	29	34	33	30	21	22	27	26	27	18	27	42	55				29.2
WILLIAMSTOWN 5 WSW	MAX	46	51	34	36	51	37	32	35	43	37	31	43	34	34	34	35	37	42	33	28	24	30	34	50	42	50	58	62	57	52	34	40.2
	MIN	36	25	25	26	27	20	14	14	20	28	22	22	31	31	32	29	28	29	26	17	16	13	13	28	25	25	34	42	35	32	28	25.6
WOLF CREEK DAM	MAX	45	59	46	47	57	50	42																									

Table 7

## SNOWFALL AND SNOW ON GROUND

KENTUCKY  
DECEMBER 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ASHLAND DAM 29	SNOWFALL SN ON GND				T					T	.5 1			T		T	T			T	2.8 3	T 1	T T									
BEAVER DAM	SNOWFALL SN ON GND																			.5 1	1											
BENHAM	SNOWFALL SN ON GND	T	T	T		.2 T				T	1.0 1	.5 1	.5 1	T		T	2.0 1		.5 T	T	6.0 4	4.0 3	T 1	T								
BOWLING GREEN CAA AP	SNOWFALL SN ON GND									T									T	T	T										T	
COVINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV		T	T						.5 T	T		.4 T	2.5 2 .3		.3 T	T		.5 T	.9 1	.1 1	T 1	1	1	1					T	T	
DANVILLE	SNOWFALL SN ON GND																			.7 1	.8 2	1										
DEWEY DAM	SNOWFALL SN ON GND						T				1.0 T					T	T			T	T	T	T									
FARMERS	SNOWFALL SN ON GND			T			T T				.3 T	T	.2 T			.2 T			T	1.0 1	.5 1	.2 1	T 1	T								
FORDS FERRY DAM 50	SNOWFALL SN ON GND																		T	T	T											
HEIDELBERG LOCK 14	SNOWFALL SN ON GND				T		T				T	T	T			T	T		T	T	1.7 2	T T	T									
HINDMAN SETTLEMENT SCHOOL	SNOWFALL SN ON GND											T T											T									
HOPKINSVILLE	SNOWFALL SN ON GND																				1.0											
IRVINGTON	SNOWFALL SN ON GND													T		T			T	.5 T	T											
LEXINGTON WB AIRPORT	SNOWFALL SN ON GND WTR EQUIV	T		T		T				.5 T	T	T	T	T		.1 T	T T		T	1.0 T	T 1	T 1	1	1	T					T		
LONDON CAA AP	SNOWFALL SN ON GND									T T	T T					T T	T	T	.8 1	.8 1	.1 1	T 1										
LOUISVILLE WB AP	SNOWFALL SN ON GND WTR EQUIV			T		T				.1			T	T		T			T	T	T	T								T		
MAMMOTH CAVE PARK	SNOWFALL SN ON GND															.5 T			T	1.0 1	T 1	T										
MAYSVILLE DAM 33	SNOWFALL SN ON GND													T	T	T	T			- 1	- 1	T 1	T 2									
MIDDLESBORO	SNOWFALL SN ON GND										T					T	1.2 T			1.4 1	2.3 4	T 3	T 2	T								
MURRAY	SNOWFALL SN ON GND																		T T	T T												
OWENSBORO 2 W	SNOWFALL SN ON GND									T			T	T					T	1.5 1	.3 1		1	T								
PADUCAH CAA AIRPORT	SNOWFALL SN ON GND												1.0	T				T	T	T	T											
PIKEVILLE	SNOWFALL SN ON GND			T						T	T		T		T	T	T		T	T	T	T	T									
ST JOHN BETHLEHEM ACAD	SNOWFALL SN ON GND	T																T		T	T											
SCOTTSVILLE	SNOWFALL SN ON GND																			1.0 T	T											
WILLIAMSTOWN 5 WSW	SNOWFALL SN ON GND	T									T	T	T	2.3 2	1	T	T	T		1.3 1	T 1	1										
WOLF CREEK DAM	SNOWFALL SN ON GND																			- T	- T											

# CLIMATOLOGICAL DATA

KENTUCKY  
DELAYED DATA

TABLE 2

Station	Temperature												Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days								
										Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More <sup>°</sup>	.50 or More	1.00 or More						
										50° or Above	32° or Below	32° or Below	0° or Below											Total	Max. Depth on Ground	Date	.10 or More <sup>°</sup>	.50 or More	1.00 or More
JUNE 1954	88.8	57.3	73.1		98	26	45	5	12	18	0	0	0	2.43		.78	13	.0	0		5	2	0						
INEZ																													

## DAILY PRECIPITATION

Table 3

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1954																																
INEZ	.02		.02	.01					.22				.78	.56		.40	.05						.37									2.43
SEPTEMBER 1954																																
FREEBURN											.12								.10	-	-	-	-	-	-	-	-	-	-	-	-	-

## DAILY TEMPERATURES

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1954																																	
INEZ	MAX MIN	85 60	84 58	81 54	75 52	68 45	75 48	88 48	92 56	90 59	94 58	92 64	94 62	93 61	85 61	93 65	92 63	90 66	89 62	87 57	92 57	93 60	94 61	88 70	88 55	95 54	98 52	92 67	91 47	90 49	95 49	88.8 57.3	



# STATION INDEX

KENTUCKY  
DECEMBER 1994

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADDITION DAM 45	0031	BRECKENRIDGE	7 37 55	86 34	360	6A	CORPS OF ENGINEERS	5	C	LIBERTY	4755	CASEY	3 37 21	84 55	772	7A	PALLIA F. HANKLA	3	C
ADOLPHUS 1 N	0043	ALLEN	3 36 39	85 16	600	7A	JOEL M. DEARING	3	C	LITTLE HICKMAN LOCK 8	4825	JESSAMINE	4 37 07	84 55	560	7A	CORPS OF ENGINEERS	3	C
ALBANY	0063	CLINTON	2 36 41	85 08	960	7A	MRS. BARBARA M. COOL	3	C	LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	495	6A	CORPS OF ENGINEERS	3	C
ANCHORAGE	0095	FLOYD	1 37 35	82 43	550	6A	MAHANNIE AUXIER	2	3 5	LOGGICK 1 S	4882	CLARK	4 37 51	84 02	1217	MID	MRS. N. BURGER	3	C
ANCHORAGE	0155	JEFFERSON	7 38 16	85 33	700	7P	C. E. BARRETT	2	3 5	LOUISVILLE 3 SW	4893	LAUREL	7 37 06	84 08	500	6A	CORPS OF ENGINEERS	3	C
ASNCAP	0246	PIKE	1 37 16	82 26	1100	6A	MARY S. BALIFF	3	C	LOUISA	4943	LAWRENCE	1 38 07	82 37	504	8A	JULIUS M. RANKIN	3	C
ASHLAND DAM 29	0254	BOYD	7 38 27	82 36	551	6P	7A CORPS OF ENGINEERS	2 3 5	7	LOUISA 2	4945	LAWRENCE	1 38 07	82 37	504	7A	ERNEST E. YOUNG	3	C
BARBOURVILLE	0361	KNOX	2 56 52	83 53	1000	6P	UNION COLLEGE	2 3 5	C	LOUISVILLE BOWMAN FLD	4951	JEFFERSON	7 38 13	85 40	550	MID	CORPS OF ENGINEERS	2 3 5	7
BARSTOWN S.J. PREP SCH	0397	NELSON	8 37 48	85 20	637	6P	ST. JOSEPH PREP SCH	2 3 5	C	LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 44	474	MID	U.S. WEATHER BUREAU	2 3 5	7
BAXTER	0450	HARLAN	2 36 51	83 20	1164	7A	C. MONER NOLAN	2 3 5	C	LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403	MID	U.S. FOREST SERVICE	2 3 5	7
BEAVER DAM	0490	OHIO	3 37 25	86 52	441	6P	E. G. YOUNG	2 3 5	7	LOUISVILLE WB GAGE	4956	JEFFERSON	7 38 15	85 45	457	MID	U.S. WEATHER BUREAU	2 3 5	7
BENHAM	0595	MARSHALL	2 36 58	82 57	1580	8A	C. C. WHITEAKER	2 3 5	7	LOVELACEVILLE	4967	BELLAR	6 36 58	88 50	370	6P	BLAINE MALONE	2 3 5	C
BENTON	0611	MARSHALL	9 36 51	88 20	395	MID	JAMES N. MILLER	2 3 5	C	LUCAS	5002	BARREN	3 36 53	86 02	738	MID	WILLARD E. FOSTER	2 3 5	C
BERRY COLLEGE	0619	MADISON	4 37 34	84 18	1070	6P	JAMES A. GROSSMAN	2 3 5	C	LOUISVILLE 1 SE	5043	JEFFERSON	7 38 17	85 42	515	7A	CORPS OF ENGINEERS	2 3 5	7
BERRY WATER WORKS	0624	MADISON	4 37 33	84 15	1010	7A	MRS. LAURA B. GAGBARO	3	C	MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	800	5P	NATIONAL PARK SVC	2 3 5	7
BOWLING GREEN	0904	WARREN	3 37 00	86 26	536	7A	JAMES R. EDWARDS	3	C	MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	850	6P	NORA S. WHITE	2 3 5	7
BOWLING GREEN SUBSTA	0907	WARREN	3 37 01	86 26	470	7A	TVA-639	2 3 5	7	MAYFIELD SUBSTATION	5230	GRAVES	6 36 44	88 39	364	3P	TVA-5-A	2 3 5	7
BOWLING GREEN CAA AP	0909	WARREN	3 36 58	86 26	535	MID	CIVIL AERO. ADM.	2 3 5	7	MAYFIELD 2 S	5232	GRAVES	6 36 42	88 38	364	3P	JOE PAYNE	2 3 5	7
BOWLING GREEN MTR WKS	0914	WARREN	3 36 46	86 26	505	7A	ST. BOWLING GREEN	3	C	MAYFIELD DAM 33	5253	MASON	4 36 08	84 41	—	7A	FOREST C. WILLYS	2 3 5	7
BRENT DAM 36	0970	CAMPBELL	7 59 03	84 25	497	7A	CORPS OF ENGINEERS	3	C	MC KEE	5291	JACKSON	3 37 28	84 00	1000	5P	MRS. MINNIE W. MORAN	2 3 5	7
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	7A	STINSON SKAGGS	3	C	MC KINNEYSBURG	5301	PENDLETON	5 38 36	84 16	654	MID	EDWARD C. GIFFORD	2 3 5	7
BURDINE 2 NE	1120	PIKE	1 37 13	82 35	1643	8A	EDWIN E. JOHNSON	3	C	MIDDLESBORO	5369	BELL	2 36 37	83 43	1130	5P	LOW L. HERRELL	2 3 5	7
BURKESVILLE	1157	CUMBERLAND	2 36 47	85 22	600	7A	MARVIN M. LEE	3	C	MIDDLESBORO SEWAGE PL	5394	BELL	2 36 38	83 43	1130	MID	CITY OF MIDDLESBORO	2 3 5	7
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	424	7A	CORPS OF ENGINEERS	3	C	MILLERSBURG	5407	WOODFORD	4 36 08	84 41	—	8A	CITY OF MIDWAY	2 3 5	7
CAMPBELLVILLE	1256	TAYLOR	3 37 20	85 21	777	6P	ALVA MC KINLEY	2 3 5	C	MILLERSBURG	5430	BOURBON	5 38 18	84 09	—	MID	DAVID C. BAILEY	2 3 5	7
CARROLL LOCK 1	1345	CARROLL	4 38 41	85 11	480	6P	CORPS OF ENGINEERS	2 3 5	C	MILLERTOWN	5438	GRAYSON	3 37 27	86 03	588	7A	OVA M. LAWLER	2 3 5	7
CENTRAL CITY	1439	MULHEMBERG	3 37 17	87 07	453	MID	JAMES F. RICE	2 3 5	C	MONTICELLO	5524	WAYNE	2 36 50	84 50	960	3P	ALVIN L. BERTRAM	2 3 5	7
CLINTON LOCK 1 SSE	1511	CLINTON	3 37 00	84 40	889	MID	WINNEM FOUNDATION	2 3 5	C	MONTICELLO STATE COLLEGE	5525	HOPKINS	3 37 16	87 47	810	8A	ART D. WILLIAMS	2 3 5	7
CLINTON	1631	NICKMAN	6 36 41	89 00	570	7A	WOODS D. FRANKLIN	3	C	MOUNT STERLING	5640	MONTGOMERY	5 38 04	83 56	930	5P	FRED CARTMILL	2 3 5	7
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	7A	CORPS OF ENGINEERS	3	C	MURFORDVILLE	5684	HART	3 37 16	85 53	636	3P	HUBERT E. HODGES	2 3 5	7
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	7A	MRS. HAZEL S. PICKETT	3	C	MURRAY	5694	CALLAWAY	9 36 36	88 20	600	6P	MURRAY WATER SYSTEM	2 3 5	7
CORBIN CAA AIRPORT	1801	WHITLEY	2 56 58	84 00	1173	MID	CIVIL AERO. ADM.	2 3 5	7	OLIVE HILL	6012	CARTER	7 38 18	83 11	752	MID	ERIE SCHOOL	2 3 5	7
COVINGTON WB AIRPORT	1855	BOONE	7 39 04	84 40	889	MID	U.S. WEATHER BUREAU	2 3 5	7	OLIVE HILL	6012	CARTER	7 38 18	83 11	752	8A	ART D. WILLIAMS	2 3 5	7
CUMBERLAND FALLS ST PK	1969	WHITLEY	3 56 50	84 19	1070	SP	DEPT OF COMS.	3	C	ONEIDA DAM 35	6033	CAMPBELL	7 38 58	84 10	512	7A	CORPS OF ENGINEERS	2 3 5	7
CYNTHIANA	1998	HARRISON	5 58 23	84 18	684	7A	MARSHALL HILL	3	C	ONENSBORO 2 W	6091	DAVIESS	7 37 46	87 09	420	6P	VIRGIL D. CLARK	2 3 5	7
CYNTHIANA 2	2003	HARRISON	5 58 23	84 18	684	8A	KY. CARDINAL DAIRY	2 3 5	C	ONENSBORO DAM 46	6098	DAVIESS	7 37 47	87 08	404	7A	CORPS OF ENGINEERS	3	C
DANVILLE	2040	BOYLE	4 37 39	84 46	955	7A	R. P. COLDIRON	2 3 5	7	PAUCAH CAA AIRPORT	6110	MC CRACKEN	7 37 04	88 36	398	MID	CIVIL AERO. ADM.	2 3 5	7
DAVELLA	2053	MARTIN	1 37 48	82 52	718	MID	BERTHA DE LONG	3	C	PAUCAH	6115	MC CRACKEN	7 37 08	88 37	340	6A	WESTERN P. LACEY	2 3 5	7
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1647	7A	GENE T. HILTON	3	C	PAUCAH ARMORY	6117	MC CRACKEN	7 37 05	88 35	344	MID	CITY OF PAUCAH	2 3 5	7
DEMA	2159	KNOTT	1 37 25	82 48	850	SP	HATTIE B. BARNEY	3	C	PAINTSVILLE	6136	JOHNSON	1 37 49	82 48	620	7A	JESSE FAIRCHILD	2 3 5	7
DEWEY DAM	2180	FLOYD	1 37 45	82 47	633	7A	CORPS OF ENGINEERS	2 3 5	6 7	PIKEVILLE	6353	PIKE	1 37 29	82 31	686	5P	U.S. WEATHER BUREAU	2 3 5	7
DIX DAM	2214	MERCER	4 37 49	84 43	917	4P	C. W. WILLIAMS	2 3 5	6	PIKEVILLE	6354	BELL	2 36 45	83 42	988	7A	ERIE SCHOOL	2 3 5	7
DUNDEE BARRETT'S FORO BR	2338	OHIO	3 37 53	86 43	450	7A	J. L. HUFF	3	C	PRINCETON	6575	ALDOWELL	2 37 06	87 53	529	5P	ALTON M. HARVILL	2 3 5	7
DUNMORE	2366	MULHEMBERG	3 37 05	87 40	610	7A	N. D. GIVENS	3	C	RAVENHAM LOCK 12	6679	ESTILL	4 37 40	83 57	634	7A	CORPS OF ENGINEERS	2 3 5	7
DUNNVILLE	2374	CASEY	3 37 13	84 58	—	6A	LIMMIE L. TARTER	3	C	RICHMOND	6805	MADISON	4 37 44	84 18	1085	8A	THOMAS C. HERMOND	2 3 5	7
DYER	2591	BRECKENRIDGE	3 37 45	86 13	793	MID	LENA BLAIR	3	C	ROCHESTER LOCK 3	6882	OHIO	3 37 13	86 54	401	7A	CORPS OF ENGINEERS	3	C
EDMONSON LOCK F	2645	LYON	2 59 25	83 08	420	7A	CORPS OF ENGINEERS	2 3 5	7	RUMLEY LOCK 2	7039	MC LEAN	3 37 32	87 16	304	6A	CORPS OF ENGINEERS	3	C
EDMONSON METCALFE	2649	METCALFE	3 37 00	85 37	865	7A	JOHN E. MORAN	3	C	RUSSELLVILLE	7049	LOGAN	3 36 51	86 53	590	6P	WM. B. PORTER	2 3 5	7
ELKHORN CITY	2626	PIKE	1 37 18	82 21	800	3P	MRS. KELSIE SCAMMELL	3	C	RUSSELLVILLE SUBSTA	7054	LOGAN	3 36 50	86 54	576	7A	TVA-683	2 3 5	7
FALMOUTH	2715	PENDLETON	5 36 40	84 20	580	7A	FRANK H. LAMSON	3	C	SADLEVILLE	7074	SCHOTT	4 38 23	84 33	913	MID	STANLEY WILSON	2 3 5	7
FARMERS	2781	ROWAN	5 58 09	85 53	668	6P	MRS. C. C. STAMPER	2 3 5	7	ST JOHN BETHLEHEM ACAD	7091	MARTIN	8 37 42	85 59	777	7A	SISTER M. MELITINA	2 3 5	7
FLEMINGSBURG	2903	FLEMING	5 58 25	83 43	870	7A	MRS. JEAN FLEMING	3	C	ST MARY COLLEGE	7096	MURTON	8 37 35	85 21	730	7A	ST MARY COLLEGE	2 3 5	7
FLEMINGSBURG 2	2908	FLEMING	5 58 25	83 43	830	MID	MAURICE B. CARPENTER	3	C	SALVIA LOCK 6	7121	MERCER	4 37 56	84 49	520	7A	CORPS OF ENGINEERS	3	C
FORD LOCK 10	2953	NADISON	4 37 54	84 16	660	6A	CORPS OF ENGINEERS	2 3 5	7	SALVIERVILLE	7129	MAGOFFIN	5 37 45	83 05	859	MID	STANLEY GARDNER	2 3 5	7
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	356	6P	CORPS OF ENGINEERS	2 3 5	7	SALVIERVILLE 2 SE	7134	MAGOFFIN	5 37 44	83 05	920	7A	FORREST C. WILLIS	2 3 5	7
FRANKFORT LOCK 4	3028	FRANKLIN	4 36 14	84 32	304	6A	CORPS OF ENGINEERS	2 3 5	7	SCOTTSVILLE	7215	ALLEN	3 36 45	86 12	770	5P	NOBLE ALLEN	2 3 5	7
FRANKFORT WATER WORKS	3036	SIMPSON	3 36 43	86 34	691	7A	HERMAN D. NEAL	3	C	SEEBEE	7233	WEBSTER	3 37 36	87 32	348	7A	GILBERT J. ASHBY	2 3 5	7
FREEDMAN	3046	PIKE	1 37 34	82 08	727	8A	JOHN E. TANNER	3	C	SHAWNEE STEAM PLANT	7311	MC CRACKEN	7 37 09	88 47	355	7A	TVA-709	2 3 5	7
FRENCHBURG	3052	HENRIETTA	5 37 57	83 59	930	7A	FRENCHBURG SCHOOL	3	C	SHELBYVILLE 2 W	7324	SHELBY	6 38 13	85 16	625	6P	WILLA S. A. RATTI	2 3 5	7
GEORGETOWN WATER WORKS	3194	SCOTT	4 38 12	84 33	880	6A	JOHN W. ATKINS	3	C	SHEPHERDSVILLE	7334	BULLITT	8 38 00	85 44	—	7A	OWID K. MAGRUDER	2 3 5	7
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	7A	CORPS OF ENGINEERS	3	C	SMITHFIELD 4 S	7475	SHELBY	8 38 20	85 16	862	MID	F. W. SIMPSON	2 3 5	7
GLASSBORO	3241	BARREN	3 37 00	85 55	780	7A	EMILY M. BEAN	3	C	SOMERSET	7508	PULASKI	2 37 06	84 37	1050	MID	CORPS OF ENGINEERS	2 3 5	7
GLASSBORO WKA	3246	BARREN	5 37 00	85 55	808	6P	RADIO STATION WKAY	2 3 5	7	SOMERSET 1 N	7510	PULASKI	2 37 07	84 37	1050	6P	RADIO STA WSCF	2 3 5	7
GLENDLE	3252	HARDIN	5 37 36	85 55	700	4P	DAVID W. BELL	3	C	SPRINGFIELD	7604	WASHINGTON	8 37 41	85 14	730	8A	WM. H. COATLEY	2 3 5	7
GOLDEN POND 8 N	3295	TRIGG	2 36 54	80 00	393	4P	FISH & WILF REFUGE	2 3 5	C	STEARNS	7677	MC CREARY	2 36 43	84 29	1420	7A	MRS. ALICE N. BALL	2 3 5	7
GRANT DAM 38	3358	BOONE	7 38 59	84 50	503	7A	CORPS OF ENGINEERS	2 3 5	7	SUMMER SHADE	7800	METCALFE	3 36 53	85 43	—	6P	CHAS. H. MC MURTRY	2 3 5	7
GRAYSON	3391	CARTER	7 38 19	82 57	589	7P	SHIRLEY I. STATEN												

# REFERENCE NOTES

The four digit identification numbers in the index number column of the station index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distances in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1946.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 6:30 A.M. C.S.T. and 7:30 A.M. E.S.T. WTR EQUIV in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 5, 7 and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

\* Amount included in following measurement, time distribution unknown.

o Data in the column formerly headed No. of Days .01 or more have been changed to No. of Days .10 or more effective January 1, 1954.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C In the "Refer to Tables" column in the Station Index the letter "C" indicates recorder stations. These stations are processed for special purposes and are published later in

Bourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data).

T Trace, an amount too small to measure.

V Includes total for previous month.

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## CORRECTIONS

MONTH: OCTOBER 1954

Table 6:  
Wolf Creek Dam

Amount on 30th should be .03; amount  
on 31st should be .03; monthly total,  
3.72.

MONTH: NOVEMBER 1954

Table 2:  
Bardetown S J Prep Sch

No. of days precipitation .10 or more  
and .50 or more should be missing.

N.W.B.C., Asheville, M. C. --- 2/3/55 --- 800

1.05  
NKE  
.49<sup>13</sup>

Mar. 1955

U. S. DEPARTMENT OF COMMERCE  
SINCLAIR WEEKS, Secretary  
WEATHER BUREAU  
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

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## WEATHER SUMMARY

## GENERAL

Other than the stop-and-go progression of spring, 1954 was a year that failed to produce any outstanding weather occurrences. A threatened severe drought condition was relieved for the most part by timely rains in August and September. The summer months were persistently hot, averaging some 2° above normal, and there were a good many uncomfortably warm nights. March produced heavy snowfall in the eastern portion, helping to liven up an otherwise rather unimpressive weather picture.

## TEMPERATURE

The year was one in which spring seemed to come by spurts and jumps. Both February and April - especially February - were well above normal, while March and May were well below normal. The result was that in both March and May there was a reversal of the normal rising temperature trend. June ushered in a period of hot weather that lasted well into October, with several 3- and 4-day periods of general 100° or higher readings. Both November and December showed slightly below normal temperatures. Taken as a whole the year averaged 57.8° for the State, slightly more than 1° above normal. Murray showed the highest mean annual temperature with 61.1°, while Williamstown 5 WSW had the lowest mean with 55.4°. The highest temperature for the year, 108°, was recorded at Hopkinsville and Murray in August, and at Irvington in September. Farmers recorded -14° in January, which was the lowest temperature for the year. April proved to be the second warmest of record, only 1896, with 63.6°, having a higher mean temperature. By way of contrast, May was the third coldest of record, only May of 1917, and 1925, with 58.9° and 59.9°, respectively, being colder. Monthly minima for the period May through July approached record lows, readings lower than the monthly lows this year having been noted in earlier years only 4 times in May, 3 times in June, and 4 times in July. Consistently high maxima in June and July, however, more than outweighed the unusually low monthly minimum temperatures for those months. The 108° maximum temperature in September was second highest for that month, 110° having occurred in 1925.

## PRECIPITATION

Rainfall for the State for the year averaged 90% of normal, but deficient amounts during the spring and early summer months were the cause of considerable anxiety. Generous amounts during the late summer and fall months eased the drought-induced worries, however. Benham proved to have the greatest annual total, with 55.85 inches, while the 30.80 inches at Oneonta Dam 35 was smallest. Of the stations for which normals have been established, only six, scattered through the southern portion, showed more than normal precipitation for the year. Generally speaking, the rainiest weather, as evidenced by the total number of days with falls of 0.10 inch or more, occurred in the higher mountains of the extreme eastern portion where 90 or more such days were observed during the year. Stations in the extreme west portion, with 55 to 65 days of 0.10 inch or more, showed the smallest number of rainy days. The greatest 24-hour amount for the year, 5.85 inches, was measured at Hicksville in September in connection with a general rainy period which overspread the State on the 20th-21st. Precipitation-wise it was a year devoid of the spectacular, for no existing monthly or annual records were seriously threatened at any time.

## SNOWFALL

Snowfall for the year averaged 86% of the normal amount. January and March showed somewhat better-than-normal amounts, while the fall during the exceptionally warm February was much less than the normal expectancy. The early winter amounts were reasonably close to normal. As might be expected, the greatest falls occurred in the more mountainous parts of the Eastern Division, Benham topping the list with an annual total of 55.7 inches. Benham also had the somewhat dubious distinction of having the greatest depth on the ground, a

15-inch cover being measured in March. Early in March a severe snowstorm struck the eastern portion of the State, with damage estimates running in excess of \$200,000. Utility and communication facilities in that area were paralyzed and in many sections it was several days before service could be restored. Annual totals of less than 4 inches were confined to the Western Division for the most part, though a few stations in the Central Division came in that classification.

## FLOODS

Moderately heavy general rainfall around the middle of April resulted in a rise on the Green River, but flood stage was reached only at Woodbury and there was no reported damage. It was not until after the middle of October that there were any significant rises in any of the rivers. Heavy upstream precipitation associated with the passage of hurricane "Hazel" resulted in unusually high October levels on the Ohio, but inundation was confined to bottom land and damage was relatively minor.

## UNUSUAL PHENOMENA

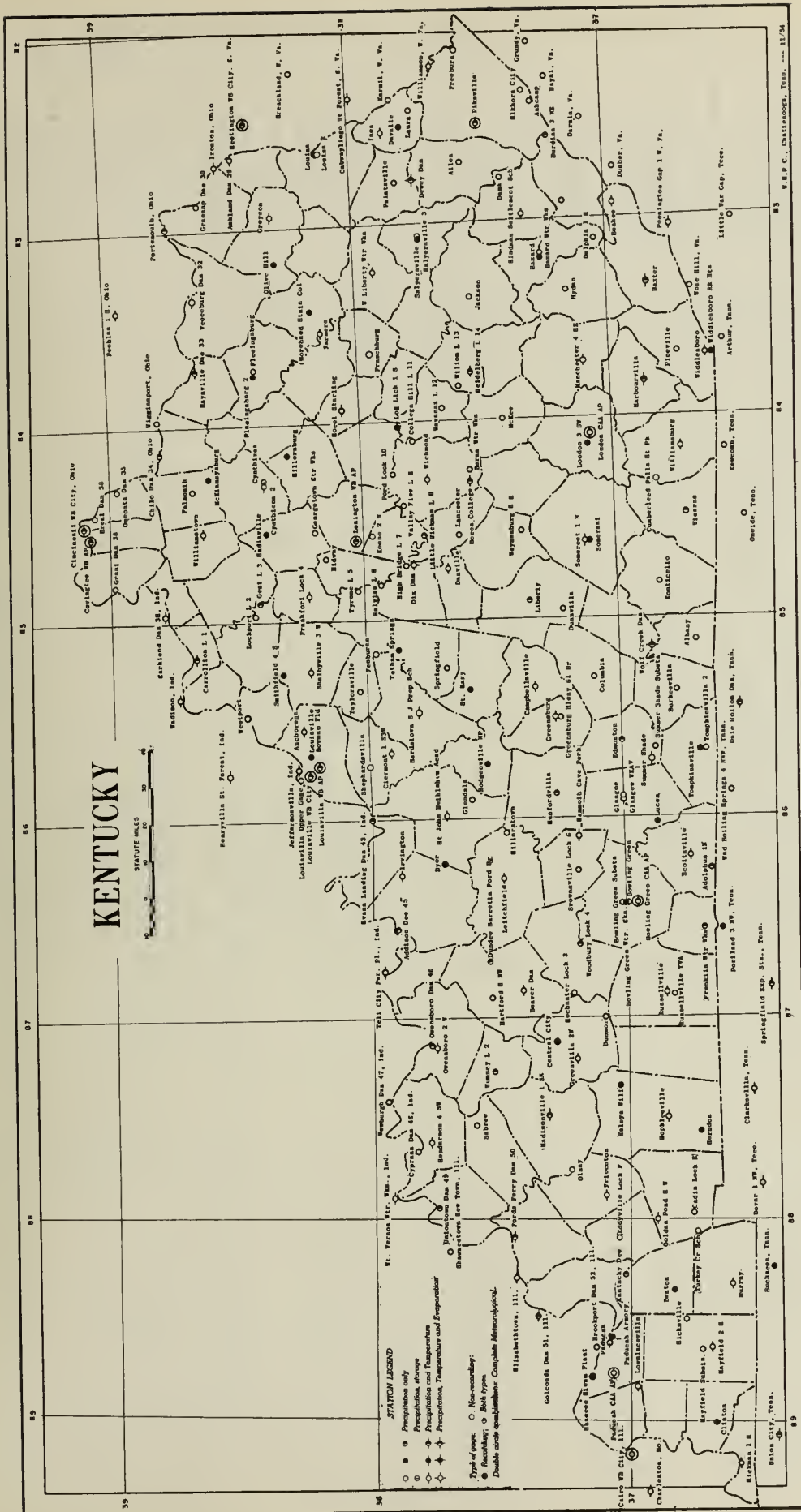
During February and March there were a number of windstorms, but none of them resulted in any damage of consequence. Some April thunderstorms, however, caused considerable property damage from the effect of lightning and high winds. With the exception of a small tornado which caused but little damage, there were no severe storms in May. During June thunderstorm frequency picked up and the associated wind, hail and locally heavy rain accounted for substantial crop and property damage. One tornado, occurring on the 1st, resulted in damages of some \$100,000. July and August saw a further increase in the number of severe thunderstorms, and at least six fatalities were attributable to lightning. Most of these storms were the usual local type, but a few of them were unusually extensive. During September there were only three storms that caused appreciable damage, and there were none of consequence in the period October through December.

## CROPS

Early in the year there was much feeding of stock, and grains and grasses were poor to fair. Unusually open weather in February was conducive to plowing and other normal spring work, and there was much activity in those lines. March, while cool, continued favorable for normal plowing and planting work. April, another exceptionally warm month, was ideal from an agricultural standpoint and there was general rapid progress, pasturage showing much improvement. The cold weather of May necessitated considerable replanting of corn and cotton, but for the most part continued, though slowed, progress was noted. The hot weather of June hastened the growth and maturity of practically all crops, though soil moisture was seriously depleted by the end of the month. The hot and dry weather of July was detrimental to all crops, and pastures were particularly hard-hit. Timely rains in August effectively relieved the drought situation in all but the western portion, and yields of hay were much better than had been hoped for a month earlier. Late corn was very spotty, however, ranging from excellent to near-failure. By the end of the month there was much preparation of ground for the sowing of winter grains and cover crops. Dry weather in September largely suspended fall plowing and sowing, but rains the 19th-21st permitted resumption. October continued favorable for these activities. Drought damage to crops was very spotted with yields extremely variable, even within counties in some cases. A combination of favorable growing and harvesting weather resulted in record yields of small grain crops, but corn and hay yields were off. Tobacco was revived by the August and September rains and record high yields were set. Curing weather was good, and the crop was well above average.

Details of each month's weather may be found in the individual monthly issues of this publication.

V. D. Steves



Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".



# AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

KENTUCKY  
1954

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ANCHORAGE	35.8M	2.5	44.1	9.3	43.7	- .7	61.0	6.9	59.2	- 4.7	74.6	2.4	79.5	3.3	76.0	1.2	71.8	3.2	57.9	1.2	44.9	- .3	35.6	- .9	67.0	2.0
ASHLAND OAM 29	38.6	2.8	43.6M	6.6	43.5	- 3.4	63.2	7.8	61.0	- 4.0	74.6	1.3	77.5M	.8	75.9	.3	72.6	2.3	60.2	2.1	45.1	- 1.7	36.9	- .9	57.7	1.1
BARBOURVILLE	38.9		45.4		46.2		62.4		60.8						76.3M		72.6M		59.5M		46.5		39.2			
BARSTOWN 5 J PREP 5CH	37.0		45.9		45.8		62.9		60.8		75.3		79.7		78.0M		73.9		59.8		45.7		37.6		58.5	
BAXTER	36.6		41.3		42.7		59.3		58.6		71.9		76.2		74.7		69.7		57.3		42.4M		35.0		55.5	
BEAVER OAM	36.9	.6	46.3	8.4	46.5	- .9	62.8	5.8	60.8	- 5.4	76.0	1.5	M		78.7	2.1	73.1	1.7	59.4	.2	46.6	- .9	38.1	.0		
BENHAM	38.7		40.5		42.5		59.6		58.5		71.3		76.3		75.3		70.7		57.1		42.0		35.4		55.6	
BEREA COLLEGE	37.7	1.0	44.4	6.5	44.8	- 2.3	63.5	7.5	59.9	- 5.3	75.1	2.0	78.6	2.2	76.1	1.1	72.6	2.8	59.8	1.2	44.7	- 1.1	37.0	- .8	57.8	1.2
BOWLING GREEN CAA AP	36.5	.2	44.5	5.9	45.6	- .6	61.9	6.1	60.8	- 3.6	76.0	2.2	80.9	3.6	79.5	3.4	74.3	3.6	59.4	.3	45.7	- .7	37.4	- .5	58.6	1.7
BRENT OAM 36																										
CAMPBELLVILLE	37.4		46.1		45.5		62.1		60.1		74.8		79.6M		77.7		73.9		59.8		45.8		39.4		58.5	
CARROLLTON LOCK 1	36.7		45.0		43.6		61.8		59.8		74.8		78.3		76.9		71.6		58.9		45.0		36.8		57.4	
CLERMONT 1 SSE	36.4		44.7		44.3		62.1		59.9		74.7		78.8		77.4M		72.3		59.0		44.6		37.1		57.6	
COVINGTON W 8 AIRPORT	34.2	2.4	41.5	7.6	39.7	- 2.0	59.7	7.6	58.8	- 3.7	74.3	2.5	77.5	2.4	74.5	1.0	71.1	3.8	56.9	.9	43.6	.2	34.0	.4	55.5	1.9
CYNTHIANA 2	35.2M						63.4M		58.5		73.5M		77.4		75.6		71.6M		58.7		42.9M		34.1			
OANVILLE	34.0	- 1.2	43.4	7.2	43.0	- 3.2	60.6	5.7	60.7	- 3.7	74.9	2.4	78.3	2.6	76.4	1.7	73.1	3.6	59.4	1.6	45.1	- .5	35.7	- .7	57.1	1.3
OENEY OAM	36.8		43.2		43.1		59.9		59.7		73.1		77.1M		75.9		71.3		58.5		43.7		35.9		56.6	
OIX OAM	37.0		45.2		44.9		62.6		61.1		76.7		80.9		77.7		74.2		59.1		45.1		36.6		58.4	
FARMERS	37.5M	2.4	45.2	8.4	43.0M	- 2.4	62.5M	8.1	59.8	- 3.9	73.4	1.6	M		76.1M	2.1	71.5	3.2	59.1	2.5	43.5	- 1.5	36.3	- .2		
FORDS FERRY OAM 50	37.7		46.9		46.7		64.3		62.9		78.4		82.4		80.6		74.6		60.6		47.7		38.9		60.1	
FRANKFORT LOCK 4	34.4	- .7	42.4	5.6	42.3	- 3.6	58.2	2.6	58.7	- 6.4	73.9	1.1	78.6	1.4	77.2	1.6	72.1	2.6	59.1	1.5	44.1	- 2.2	34.9	- 2.1	56.3	.0
GLASGOW WKAY	38.5		46.5		46.4		63.0		60.4		75.1		79.7		78.4		73.4		60.3		45.7		38.0		58.8	
GOLDEN POND 8 N	38.4		47.0		47.6		64.0		61.8		76.5		81.0		80.9		73.2		59.3		47.0		39.4		59.7	
GRAYSON	37.0		43.8		43.2M		61.8		59.8M		73.5		75.2		73.6		69.7		57.0		41.9		34.7M		55.9	
GREENSBURG	34.7	- .9	43.5	6.4	44.4	- 2.2	60.9	5.5	59.8	- 5.2	75.0	1.6	79.4	2.5	78.0	2.3	72.7	2.9	59.9	2.5	44.6	- 1.2	37.1	- .1	57.5	1.2
GREENVILLE 2 W	37.3	1.2	46.5M	7.2	46.3	- 1.4	62.6M	5.6	60.5M	- 4.6	75.6	1.3	79.4	1.6	78.6	2.0	72.7	1.9	59.0	- .3	46.8	- .4	38.3	- .1	58.6	1.1
HEIDELBERG LOCK 14	36.9	1.2	44.8	7.1	45.0	- .8	62.3	7.0	60.3	- 4.2	74.1	1.4	77.4	1.2	76.3	1.2	71.9	2.2	58.6	1.0	43.5	- 2.0	36.8	- .2	57.3	1.2
HENDERSON 4 SW	37.0	.7	46.7	10.3	46.4	- 1.1	62.3	4.8	61.8	- 5.5	77.1	.6	81.0	1.5	79.3	.9	73.9	2.0	59.5	- .9	47.5	.0	38.0	.7	59.2	1.1
HICKMAN 1 E	35.3		44.6		45.4		61.3		62.7		78.0		83.9		81.5		73.2		60.0		46.8		38.6		59.3	
HINDMAN SETTLEMENT SCH	34.1		40.6M		42.1		59.6		57.5M		M				75.1		70.5		57.3		41.3		33.8			
HOPKINSVILLE	35.7	- 1.8	44.3	5.0	45.5	- 3.6	61.7	4.4	62.0	- 5.0	77.0	1.6	81.2	2.1	79.6	1.5	73.8	1.5	59.8	- .7	45.9	- 2.6	36.7	- 2.1	58.6	.0
INEZ	37.8M		44.5		44.8		60.3		60.3		73.1		76.1		74.8		71.2		57.7M		43.3		36.3			
IRVINGTON	37.3	1.8	45.9	9.0	45.7	- 1.2	62.5	6.4	61.2	- 4.6	75.8	1.7	80.2	2.5	78.5	2.3	74.7	4.2	60.0	1.2	46.9		37.8	.8	58.9	2.1
LEITCHFIELD	37.3	1.7	46.2	9.4	45.9	- .7	62.1	6.2	61.2	- 4.2	75.7	2.2	80.0	2.7	77.8	1.8	73.5	3.2	59.3	.8	46.2	- .5	37.8	.6	58.6	2.0
LEXINGTON WB AIRPORT	35.3	2.8	42.9	8.4	42.8	.4	60.8	7.9	60.1	- 2.5	75.2	3.0	79.7	4.0	76.4	2.0	73.6	4.7	58.0	.7	44.6	.8	35.2	.3	57.1	2.7
LONDON CAA AP																										
LOUISVILLE WB AP	36.0	1.1	44.6	7.4	43.7	- 1.9	62.1	6.1	61.1	- 4.2	77.3	3.1	81.4	3.5	77.8	1.7	74.2	4.0	59.3	.7	46.1	.6	37.0	.1	58.4	1.9
LOUISVILLE WB CITY	36.0	.4	45.3	7.3	43.6	- 2.5	62.4	5.9	62.0	- 3.9	77.8	2.9	82.1	3.5	77.9	1.0	75.4	4.3	61.2	1.4	47.8	1.1	37.8	.2	59.1	1.8
LOVELACEVILLE	36.9	.0	47.2	7.2	47.2	- 1.8	63.6	5.2	62.3	- 4.9	77.1	1.3	82.1	2.5	81.3	2.7	73.3	1.6	59.8	- .9	47.4	- .4	38.7	- .2	59.7	1.0
MAIDSONVILLE 1 SE	37.6		47.0		47.0		63.5		61.8		77.3		80.4		79.9		74.0		60.8		47.8		38.8		59.6	
MAMMOTH CAVE PARK	37.7	.6	46.6	9.6	46.1	- 1.0	63.2	7.6	60.4	- 4.2	74.4	1.4	79.1	2.9	78.1	2.0	73.4	4.4	59.8	2.6	45.7	1.6	37.5	2.3	58.5	2.8
MANCHESTER 4 SE	37.5		44.9		44.9		62.0		59.7		73.4		77.1		75.7		71.5		57.8		43.6		37.5		57.1	
MAYFIELD 2 S	37.5	.8	47.5	7.4	48.1	- 1.3	63.6	5.3	62.8	- 4.3	77.5	2.0	83.0	3.9	81.8	3.8	75.0	2.9	60.8	- .3	48.0	- .5	39.3	- .5	60.4	1.6
MAYSVILLE OAM 33	34.2	.8	41.0	6.4	40.9	- 3.9	58.4	4.3	57.3	- 7.1	71.9	- 1.0	74.8	- 2.1	74.1	- 1.3	69.0	- .5	58.0	.5	42.7	- 2.5	34.4	- .9	54.7	- .6
MIDDLEBORO	38.9	.8	46.0	6.2	47.0	- 1.4	62.8	5.9	60.8	- 3.5	73.8	1.3	78.4	2.9	77.2	2.7	72.3	2.4	59.3	1.9	44.4	- 1.8	38.3	- .9	58.3	1.4
MOUNT STERLING	36.6	3.2	44.2	9.6	44.1	- .5	62.6	8.3	60.8	- 3.5	75.0	2.1	79.1	2.7	75.8	1.0	73.2	4.4	58.9	2.4	44.5	.1	35.9	.5	57.6	2.6
MURRAY	39.3	1.5	48.5	7.0	49.4	- .7	64.8	6.6	63.0	- 4.3	77.4	2.1	82.8	3.5	82.7	4.7	75.0	3.1	61.0	.5	48.4	.7	40.6	.9	61.1	2.3
OWENSBORO 2 W	36.7	1.8	46.5	10.1	46.5	- .4	62.5	6.6	61.8	- 3.8	78.0	3.8	81.5	3.6	78.6	2.5	73.3	3.0	59.4	.6	46.8	.1	37.4	.5	59.1	2.4
PAOUCAH CAA AIRPORT	35.2		45.9		45.5		63.1		63.1		78.2		83.0		81.8		74.3		59.7		47.3		38.2		59.6	
PAOUCAH	35.1	- 1.6	45.2	5.7	45.5	- 3.5	61.7	3.0	62.4	- 5.6	78.2	1.1	83.2	2.8	82.1	2.6	73.7	.6	60.6	- .3	46.7	- 1.8	38.5	- .3	59.4	.2
PIKEVILLE	39.5	2.6	46.8	8.3	46.6	- 2.4	64.5	7.8	62.9	- 4.2	75.9	.9	79.8	2.2	78.0	1.0	74.4	3.8	61.0	1.1	46.2	- .9	38.0	- .2	59.5	1.7
PRINCETON	36.8	.3	45.8	7.0	46.6	-																				



Table 2

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

KENTUCKY  
1954

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure		
AADISON OAM 45	4.43	+07	3.32	+10	1.71	-3.26	2.91	-1.11	3.23	- .79	2.58	-1.33	1.83	-1.57	2.81	- .36	3.22	+11	4.75	+2.16	.83	-2.20	4.14	+93	35.76	- 7.25		
ADOLPHUS 1 N	7.45		3.43		2.86		4.69		3.16		1.60		2.38		1.94		2.25		2.92		1.60		4.14		41.14			
ALBANY	9.74		3.60		2.93		5.02		3.47		1.86		2.64		2.09		2.72		2.05		3.74		4.93		E44.79			
ALLEN	4.79		1.12		2.76		2.57		3.32		1.57		3.03		6.33		3.69		1.84		2.15		4.84		38.01			
ANCHORAGE	4.31	+38	1.62	-1.20	1.53	-2.90	2.85	-1.02	1.86	-1.88	1.99	-1.85	3.99	-3.19	4.43	.79	6.12	3.29	3.41	.71	1.35	-1.70	4.29	+76	34.85	- 7.81		
ASHCAM	6.51		1.08		3.38		2.81		4.73		3.49		6.00		4.45		2.05		1.87		2.00		4.40		42.77			
ASHLAND OAM 29	2.22	-1.77	.61	-2.69	3.89	- .43	2.99	- .60	2.48	-1.16	2.78	-1.43	6.61	2.43	6.38	2.71	3.88	1.32	2.15	- .33	1.70	-1.29	3.13	- .04	30.18	- 3.28		
BARBOURVILLE	6.38		3.19		3.02		3.33		3.40		2.91		3.13		2.08		2.37		4.14		2.19		6.71		E42.85			
BARDSTOWN S J PREP SCH	3.97		1.78		2.40		3.79		2.77		3.55		3.12		2.45		3.09		2.81		1.68		5.74		E36.95			
BAXTER	7.11		1.29		3.95		2.93		3.32		2.48		2.80		4.70		2.50		2.20		3.17		6.54		42.99			
BEAVER OAM	5.66	+4.8	3.18	- .26	1.30	-3.21	4.05	- .09	3.17	- .94	1.26	-2.45	1.88	-1.78	4.30	1.20	5.25	2.48	1.51	-1.25	.72	-2.52	4.54	+89	36.82	- 6.45		
BENHAM	7.82		1.52		7.17		3.53		4.30		7.92		4.83		3.72		3.03		2.29		3.19		6.53		55.85			
BEREA COLLEGE	5.62	+92	1.84	-1.41	2.61	-2.33	3.21	- .58	2.23	-1.76	3.09	-1.54	4.51	- .22	7.98	3.81	4.83	1.91	2.57	-2.19	1.94	-1.27	4.96	+84	E43.39	- 3.82		
BEREA WATER WORKS	5.63		1.66		3.40		4.24		2.47		2.36		5.95		8.48		3.77		2.52		2.21		4.89		47.58			
BOWLING GREEN	6.86		3.42		1.58		3.89		3.91		4.47		1.33		3.22		4.02		1.77		1.26		6.07		41.80			
BOWLING GREEN SUBSTA	6.60		3.44		1.76		4.36		3.90		4.70		2.63		4.44		5.17		2.60		1.45		6.39		47.44			
BOWLING GREEN CAA AP	6.63	+37	4.13	+14	2.02	-3.64	4.40	+08	4.06	+16	4.77	+74	1.48	-2.70	1.97	-2.07	5.57	2.20	1.80	-1.08	1.52	-2.53	4.99	+17	42.94	- 7.16		
BRENT OAM 36	2.52	- .69	1.53	-1.15	2.82	-1.37	1.62	-2.06	2.18	-1.25	3.81	- .42	3.01	- .61	6.06	2.56	1.58	-1.64	3.72	1.38	1.69	-1.31	2.77	+21	33.31	- 6.35		
BROWNVILLE LOCK 6	6.05	+1.5	3.14	- .65	1.97	-3.56	4.66	+15	3.13	- .83	6.83	2.63	1.82	-2.09	5.33	1.09	3.96	.74	3.25	+1.6	1.98	-1.94	5.57	+141	E48.27	- 1.74		
BURDINE 2 NE	6.42		1.12		3.20		2.00		3.09		2.25		6.64		2.62		1.90		1.74		2.35		4.56		37.89			
BURKESVILLE	7.98		2.80		2.20		5.02		2.85		1.53		3.30		2.48		4.19		3.16		3.42		6.46		45.39			
CADIZ LOCK E	6.90		3.48		2.84		3.60		3.34		4.10		.81		2.59		6.05		3.08		.82		5.87		43.48			
CAMPBELLVILLE	6.82		1.75		1.41		4.30		3.04		4.36		2.47		5.50		3.05		2.02		3.22		6.66		41.42			
CARROLLTON LOCK 1	2.67	- .95	1.51	-1.15	2.61	-1.99	1.69	-1.84	2.54	-1.34	2.96	- .97	2.17	-1.31	3.83	.33	3.78	.77	3.89	1.35	1.72	-1.21	2.27	- .57	30.93	- 8.88		
CLERMONT 1 SSE	4.22		1.94		2.33		3.49		2.30		2.75		.99		5.32		4.15		3.84		1.57		5.14					
COLLEGE HILL LOCK 11	4.20	- .28	1.50	-1.37	3.79	- .55	3.11	- .40	2.67	-1.04	2.53	-1.54	4.68	+21	3.75	- .39	4.70	1.75	1.58	-1.24	2.01	-1.00	3.93	+23	38.45	- 5.62		
COLUMBIA	7.00		2.10		2.85		5.98		5.49		4.15		3.52		3.08		3.29		1.43		3.32		3.83		E42.34			
CORBIN CAA AIRPORT	6.16		4.09		2.93		3.48		3.08		6.51		1.44		2.88		3.29		2.12	- .85	4.13	1.96	1.33	-1.70	3.66	.03	34.39	- 4.77
COVINGTON W B AIRPORT	2.54	- .86	1.84	- .71	2.41	-1.63	2.65	-1.04	1.33	-2.12	3.39	- .65	3.79	.04	6.10	2.76	2.12	- .85	4.13	1.96	1.33	-1.70	3.66	.03	34.39	- 4.77		
CUMBERLAND FALLS ST PK	3.10		2.96		2.75		2.65		3.38		2.21		3.84		3.42		3.56		2.24		2.46		7.62		45.19			
CYNTHIANA	8.13	- .80	1.22	-1.58	3.25	-1.25	3.69	- .27	1.85	-1.26	6.12	2.69	3.04	- .49	5.22	1.64	4.71	1.80	1.84	- .58	1.66	-1.39	3.03	- .24	38.76	- 1.73		
CYNTHIANA 2	2.32		1.51		2.72		4.10		1.44		4.93		3.06		5.04		4.09		1.98		1.71		4.00		E35.96			
OANVILLE	5.35	+84	1.25	-2.41	2.07	-2.70	5.01	.97	2.40	-1.77	2.40	-1.78	4.43	- .10	5.05	1.46	3.32	.24	2.65	.29	2.45	- .87	3.28	+21	40.54	- 5.62		
DELPHIA 1 E	6.50		2.03		3.75		3.13		3.53		5.39		6.62		2.42		2.42		1.64		3.74		5.72		E46.89			
DEMA	5.00		1.51		4.06		2.19		3.19		3.39		3.52		5.47		4.16		1.34		3.16		5.11		42.10			
DEWEY OAM	4.47		1.02		3.60		1.65		2.91		1.67		2.51		6.34		2.39		2.83		2.25		4.25		35.89			
OIX OAM	3.66		.99		2.26		4.60		1.99		2.35		2.93		3.98		3.91		2.37		3.75		3.90		36.67			
OUNGEE BARRETT'S FORD	5.85		3.92		1.52		4.10		1.37		1.90		3.46		4.77		4.77		2.91		1.07		4.66		39.27			
OUNOR	6.35		2.28		1.89		3.71		3.58		3.75		2.25		6.27		4.45		1.11		1.07		4.66		34.31			
OUNVILLE	7.29		2.03		.85		3.92		2.54		6.36		2.50		5.05		3.10		1.88		2.72		4.99		43.23			
EDDYVILLE LOCK F	5.60		2.84		1.46		3.26		4.04		2.11		1.28		1.88		3.59		4.18		.51		7.49		38.24			
ELDMONTON	7.38	2.83	2.38	-1.79	2.35	-2.97	3.23	2.66	3.57	- .87	2.11	- .18	1.57	-1.66	1.88	-1.62	3.59	.92	4.18	- .71	3.53	.09	4.48	+80	41.82	- 2.50		
ELKHORN CITY	5.16		.91		2.29		2.28		3.83		2.47		4.32		3.75		2.00		2.21		1.95		4.48		E30.65			
FALMOUTH	3.20	- .62	1.50	-1.55	3.35	- .98	3.72	+01	3.63	-1.03	3.82	- .29	1.29	-2.62	6.71	3.05	4.06	1.56	3.89	1.53	1.56	-1.56	5.44	+14	39.14	- 2.36		
FARMERS	3.76	- .55	1.59	-1.50	3.09	-1.48	3.71	- .21	3.38	- .73	2.60	-1.99	2.39	-2.35	5.88	1.42	3.32	.52	2.41	- .50	2.01	- .99	3.56	- .18	37.50	- 8.54		
FLEMINGSBURG	4.01	- .12	1.50	-1.59	4.06	- .76	2.39	-1.77	2.26	-1.90	3.36	-1.17	3.38	- .88	4.56	.18	4.68	1.66	2.55	- .26	1.14	- .19	3.37	+12	39.26	- 6.68		
FORD LOCK 10	4.28	+ .03	1.18	-1.84	2.38	-1.78	2.77	- .95	2.27	-1.26	3.76	- .32	4.13	- .92	4.46	.36	4.28	1.08	1.93	- .40	2.20	- .79	4.68	1.31	38.32	- 5.54		
FORDS FERRY OAM 50	4.14	- .42	.62	- .50	1																							

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

KENTUCKY  
1954

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
OWENSBORO DAM 46	5.32	1.16	2.99	- .09	1.92	-2.79	4.79	1.03	3.96	+.25	1.49	-2.69	1.81	-1.04	4.85	1.45	3.09	- .10	2.56	+.07	1.94	-1.89	3.97	1.25	37.79	- 3.38
PAQUACH CAA AIRPORT	3.94		2.77		1.79		2.41		4.04		3.11		1.47		2.41		4.57		4.87		1.96		7.30		39.76	
PAQUACH	4.70	+.33E	2.59	-1.03	1.71	-3.22	2.69	-1.95	5.07	1.17	2.45	-1.61	.66	-2.77	2.72	- .74	3.86	.82	5.01	2.11	1.03	-2.81	7.24	3.65	439.73	- 5.95
PAINTSVILLE	4.04	+.31	.91	-2.38	3.96	-1.01	3.12	- .47	3.69	+.09	1.87	-2.15	3.77	-1.12	6.03	1.77	3.22	- .01	1.98	+.09	3.18	.44	4.71	1.68	49.48	- 2.85
PIKEVILLE	4.74	1.11	1.33	-2.06	3.99	- .34	2.75	- .85	3.67	1.69	2.45	-1.89	3.68	- .92	3.83	- .36	3.11	.23	1.09	-1.60	2.21	- .57	3.71	.24	38.35	- 5.32
PINEVILLE	7.53		2.06		4.98		4.23		2.62		2.57		3.60		3.41		2.65		3.08		3.14		6.71		66.58	
PRINCETON	6.70	2.17	3.48	+.13	1.99	-2.98	4.24	+.01	3.95	- .19	1.79	-2.23	2.28	-1.19	2.66	- .85	3.80	.74	3.23	+.44E	1.04	-2.63E	5.54	1.70	449.69	- 4.88
RAVENNA LOCK 12	4.69	+.75	1.58	-1.61	2.71	-1.63	3.47	- .19	3.33	- .57	2.56	-1.84	6.49	1.54	4.34	- .43	5.22	1.81	1.66	- .97	1.71	-1.47	5.36	1.94	43.13	- 2.67
RICHMOND	5.25	+.94	1.44	-1.90	3.31	-1.28	3.92	+.19	1.96	-1.73	2.14	-2.10	3.84	- .49	3.81	- .05	4.63	1.77	1.27	-1.43	2.23	+.85	4.25	+.44	37.95	- 6.49
ROCHESTER LOCK 3			3.32		1.69		4.31		3.15		2.34		2.21		7.01		4.42		2.36		1.09		5.12			
RUMSEY LOCK 2	4.57	+.28	2.47	- .63	1.56	-3.56	4.47	+.30	2.95	-1.52	3.18	- .69	2.17	- .83	3.60	- .11	3.06	- .11	2.60	- .50	.99	-2.45	4.49	1.13	55.91	- 8.69
RUSSELLVILLE	7.37	2.51	3.19	- .27	3.06	-1.89	5.03	.67	3.89	- .06	5.08	1.63	2.51	-1.77	2.79	- .35	5.88	2.81	2.60	- .02	1.49	-1.76	5.54	1.67	48.43	3.37
RUSSELLVILLE SUBSTA	6.96		3.17		2.86		4.83		3.65		4.93		2.91		6.10		2.30		1.75				6.25		46.16	
ST JOHN BETHLEHEM ACAO	4.77	+.03	2.59	- .99	2.13	-2.76	4.24	+.02	2.86	-1.23	1.69	-2.51	2.86	- .57	6.48	2.60	3.37	.39	2.65	- .27E	1.27	-2.12	5.25	1.13	440.14	- 6.08
SALVISA LOCK 6	4.97	+.06	1.24	-1.98	2.58	-1.70	3.34	- .58	2.13	-1.55	2.89	-1.65	3.78	- .28	4.01	.15	4.79	1.58	1.68	-1.00	2.27	- .81	3.74	- .13	37.42	- 7.89
SALVERSVILLE 2 SE	4.77		1.99		4.35		2.53		2.58		3.40		3.84		4.26		5.18		2.30		2.07		4.24		E41.62	
SCOTTSVILLE	7.30		3.81		2.25		6.27		3.33		4.68		2.30		1.84		4.58		3.60		2.15		3.50		47.61	
SEBREE	3.96		3.19		1.59		4.33		2.99		1.07		1.65		2.80		3.77		2.62		.93		4.49		E33.39	
SHAWNEE STEAM PLANT	5.11		2.63		1.71		2.18		4.42		2.47		.17		2.97		4.99		4.43		1.91		7.19		39.28	
SHELBYVILLE 2 W	3.84	- .54	1.73	-1.99	2.26	-2.57	3.22	- .74	2.39	-1.60	2.72	-1.56	.58	-3.42	5.11	1.59	5.36	2.68	3.23	.51	2.46	- .90	4.23	.38	37.11	- 8.06
SHEPHERDSVILLE	4.26		1.84		1.85		3.40		2.09		1.67		1.59		4.92		4.02		2.93		1.35		4.72		34.65	
SOMERSET 1 N	E 6.81		2.15		2.32		3.94		3.59		3.04		2.68		4.10		3.55		.97		2.62		6.24		E41.81	
SPRINGFIELD	4.89	1.51	1.40	-1.79	2.15	-2.30	4.58	+.75	2.56	-1.49	1.39	-2.89	3.11	- .68	4.73	2.64	2.19	- .45	2.12	+.29	1.91	-1.51	3.20	+.99	34.16	- 5.89
STEARNS	9.13		3.96		4.15		4.14		2.99		1.63		3.03		3.32		2.01		2.97		1.94		7.44		E46.70	
SUMMER SHADE	6.01		2.73		3.06		7.56		2.89		3.46		1.75		1.98		3.16		2.81		3.19		5.53		E46.15	
SUMMER SHADE SUBSTA	7.46		2.57		3.26		7.36		3.16		3.62		2.04		1.54		3.04		4.07		3.46		5.88		47.50	
TAYLORSVILLE	3.71		2.34		1.92		3.14		2.61		2.76		3.59		4.61		5.87		4.30		1.42		4.01		40.11	
TOMPKINSVILLE 2	7.31		2.94		1.71		4.74		3.10		1.72		3.53		3.77		3.09		1.93		6.19		E43.82			
TURKEY CREEK SCHOOL	6.64		3.50		3.02		5.49		3.67		3.86		1.49		1.67		5.70		4.55		.82		6.22		46.63	
TYRONE LOCK 5	4.24	- .20	1.69	-1.30	2.01	-2.23	4.92	- .24	1.64	-1.92	2.23	-2.07	2.11	-2.01	3.94	+.11	4.89	1.94	3.13	+.40	1.92	-1.19	3.24	- .42	35.26	- 9.04
UNIONTOWN DAM 49	5.58	1.64	2.34	- .49	1.16	-3.41	3.50	-1.14	3.49	- .51	1.47	-2.31	.94	-2.47	3.64	+.40	3.51	- .21	3.29	+.83	.81	-2.18	3.65	+.89	33.38	- 8.90
VALLEY VIEW LOCK 9	4.25	- .30	1.50	-1.77	2.09	-2.23	3.10	- .22	1.77	-2.07	1.98	-2.59	2.86	-1.80	4.29	+.27	4.68	1.38	1.90	- .87	2.74	- .67	3.81	+.13	35.17	-10.74
VANBUREN	4.40		2.35		2.16		2.47		2.83		3.73		2.76		5.03		5.38		3.60		1.99		4.25		40.95	
VANESBURG DAM 32	3.06	- .93	.99	-2.39	3.79	- .94	2.53	-1.33	2.98	- .79	2.46	-1.43	3.53	- .84	4.97	+.95	2.48	- .11	5.09	+.45	2.39	- .90	3.12	- .18	35.29	- 8.24
WAYNESBURG 6 E	6.68		1.75		2.37		3.99		2.78		2.62		5.63		4.29		2.69		1.11		2.23		5.70		41.75	
WEST LIBERTY WATER WKS	4.02		2.06		3.54		2.66		2.70		2.93		6.82		6.27		4.37		2.71		2.08		4.30		44.46	
WESTPORT	3.29		1.92		2.22		2.55		2.10		4.37		2.49		5.26		5.94		5.56		1.43		3.43		40.46	
WILLIAMSBURG	9.05	4.75	3.02	- .86	2.11	-2.72	4.01	- .09	2.30	-1.93	1.35	-3.06	2.70	-2.34E	2.74	-1.98E	2.25	- .79	3.65	1.18E	2.11	-1.12	5.28	1.47	E49.77	- 7.49
WILLIAMSTOWN 5 WSW	3.20	- .68	1.90	-1.81	2.63	-1.63	2.46	-1.39	2.40	-1.32	2.65	-1.96	1.80	-1.79	6.57	2.86	5.39	2.43	3.39	+.62	1.33	-1.53	3.62	+.25	E36.82	- 5.35
WILLOW LOCK 13	6.35	2.06	2.26	-1.01	2.64	-2.15	3.55	+.33	4.75	1.14	2.31	-2.08	5.15	+.65	4.14	+.15	5.29	2.31	2.08	- .34	3.09	- .29	4.62	.81	46.25	1.58
WOLF CREEK DAM	8.11		2.40		2.34		4.98		2.92		1.82		4.69		3.84		3.60		2.26		3.18		6.20		46.52	
WOODBOURY LOCK 4	5.96	+.97	2.87	- .62	1.73	-3.34	3.90	- .53	2.82	- .74	4.31	.14	1.24	-2.39	3.47	- .49	4.01	1.04	2.87	- .09	1.14	-2.35	5.27	1.57	39.79	- 6.83
SECTION AVERAGE	5.32	+.73	2.23	-1.24	2.73	-2.04	3.73	- .22	3.12	- .87	3.00	-1.17	2.86	-1.26	4.29	+.61	3.96	1.05	2.84	+.25	1.89	-1.57	4.85	1.01	40.82	- 4.72

## ↑ CHANGES IN STATION NAMES

## NEW NAME

## OLD NAME

## DATE

CYNTHIANA 2  
FLEMINGSBURG 2  
MIDDLESBORO SEWAGE PLANT  
OLIVE HILL  
RICHMOND

CYNTHIANA 2 SW  
FLEMINGSBURG P. O.  
MIDDLESBORO R R STA  
OLIVE HILL 1 NW  
RICHMOND E ST. COLLEGE

February 1954  
February 1954  
December 1954  
June 1954  
February 1954

SADIEVILLE  
SALVERSVILLE 2 SE  
SEBREE  
STEARNS  
WILLIAMSTOWN 5 WSW

SADIEVILLE 2 W  
SALVERSVILLE 2  
SEBREE WATER WORKS  
STEARNS 2 N  
WILLIAMSTOWN

February 1954  
November 1954  
April 1954  
April 1954  
December 1954

## RELOCATIONS

ALBANY  
BURDINE 2 NE  
CYNTHIANA 2

All equipment moved 0.7 mile SE  
All equipment moved 50 feet E  
All equipment moved 1.9 miles ENR  
All equipment moved 0.9 mile W  
All equipment moved 0.1 mile S

March 19, 1954  
March 8, 1954  
February 10, 1954  
April 10, 1954  
March 9, 1954

DELPHIA 1 E  
FLEMINGSBURG 2  
GRANT DAM 39  
GREENSBORO HWY 91 BR  
JACKSON  
LOUISA 2

All equipment moved 0.9 mile W  
All equipment moved 240 feet N  
All equipment moved 0.7 mile S  
Rain gage moved 250 feet W  
All equipment moved 0.2 mile W

February 9, 1954  
July 19, 1954  
February 3, 1954  
April 16, 1954  
December 9, 1954

MIDDLESBORO SEWAGE PLANT  
MILLERTOWN  
MONTICELLO  
MUNFORDVILLE  
SADIEVILLE

All equipment moved 1.1 miles NNE  
Rain gage moved 300 feet NW  
All equipment moved 0.7 mile NE  
All equipment moved 0.8 mile N  
All equipment moved 2.5 miles SE

December 14, 1954  
November 4, 1954  
March 16, 1954  
May 4, 1954  
February 3, 1954

SALVERSVILLE 2 SE  
SEBREE  
STEARNS  
WILLIAMSTOWN 5 WSW

All equipment moved 2.1 miles SE  
All equipment moved 0.7 mile NE  
All equipment moved 0.5 mile SW  
All equipment moved 4.0 miles W

November 23, 1954  
February 16, 1954  
April 15, 1954  
December 1, 1954



# TEMPERATURE EXTREMES AND FREEZE DATA

KENTUCKY  
1954

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of								First fall minimum of								Number of days between dates								
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
ANCHORAGE	105	7-14	-4	1-13	3-6	13	3-21	19	4-1	22	4-2	26	5-10	31	10-21	32	10-31	24	10-31	24	11-30	20	12-22	15	291	254	213	212	164
ASHLAND DAM 29	105	7-14	-1	1-13	1-13	1	3-23	20	3-23	20	4-2	26	5-11	32	10-20	32	11-2	27	11-3	23	12-7	15	12-7	15	328	259	225	214	162
BARBOURVILLE	-	-	-2	1-13	3-7	16	3-22	17	4-2	24	4-2	24	5-10	31	10-19	32	10-31	20	10-31	20	10-31	20	11-3	15	241	223	212	212	162
BARSTOWN 6 J PREP SCH	105	7-14	-5	1-13	2-12	14	3-15	16	4-1	24	4-2	27	5-10	29	10-20	30	10-30	26	10-31	23	11-3	19	12-7	16	296	233	213	211	163
BAKTER	99	9-6	4	1-13+	3-7	16	3-22	20	3-22	20	4-3	27	5-10	32	10-19	32	10-31	24	10-31	24	12-4	20	12-7	14	275	257	223	211	162
BEAVER DAM	105	7-14	-2	1-13	1-17	14	3-6	16	4-1	24	4-2	27	5-20	31	10-21	31	10-30	26	11-2	21	11-3	17	None	-	242	215	211	164	
BENHAM	102	9-6	-3	1-13	3-7	12	3-22	16	3-23	24	4-9	26	5-10	32	10-19	30	10-20	26	10-31	23	11-30	16	12-4	16	272	253	222	194	162
BEREA COLLEGE	102	9-6	-5	1-13	2-12	14	3-6	16	3-22	22	4-1	26	4-2	29	10-19	32	10-20	26	10-31	24	11-2	20	None	-	241	223	202	200	160
BOWLING GREEN CAA AP	104	9-5+	-1	1-12+	1-13	1	3-4	20	3-17	23	4-2	27	5-4	32	10-21	32	10-31	25	11-2	20	11-2	20	None	-	243	230	212	170	170
CAMPBELLSVILLE	104	9-5	-5	1-13	2-12	16	3-16	20	3-22	23	4-2	27	5-10	31	10-30	26	10-30	26	11-2	21	12-7	20	None	-	266	225	211	173	173
CARROLLTON LOCK 1	105	7-14	0	1-13	3-6	14	3-16	19	4-1	24	4-1	24	5-10	32	10-20	30	10-31	26	11-30	22	12-7	16	12-8	15	277	266	243	213	163
CLERMONT 1 SSE	108	7-14	-9	1-13	3-21	16	4-1	19	4-2	22	5-10	28	5-21	32	10-16	32	10-20	26	10-31	23	11-30	17	12-7	14	261	243	212	163	150
CORBIN CAA AIRPORT	102	7-14	-6	1-13	3-7	16	3-22	18	4-2	24	4-2	24	5-21	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COVINGTON WB AIRPORT	103	7-14	5	1-13	3-6	15	3-6	15	4-1	23	4-3	26	5-4	31	10-20	32	10-31	27	11-2	24	12-7	15	12-7	15	276	278	215	211	169
CYNTHIANA 2	104	7-15	-7	1-13	-	-	-	-	-	-	-	-	5-21	32	10-20	26	10-20	26	10-31	23	11-30	16	12-7	11	-	-	-	-	-
DANVILLE	104	9-8	-4	1-13	2-13	15	3-7	18	3-22	23	4-1	27	4-2	30	10-20	32	10-30	26	10-31	23	12-7	17	None	-	275	223	212	201	201
DEWEY DAM	102	7-15	-9	1-14	3-6	16	3-23	18	3-23	16	4-3	26	5-10	32	10-19	31	10-31	25	11-3	21	12-6	20	12-7	12	276	256	225	211	162
DIX DAM	105	9-5	-3	1-13	3-6	15	3-6	15	3-22	23	4-1	27	5-4	32	10-30	26	10-30	26	10-31	23	11-2	16	None	-	241	223	212	179	179
FARMERS	105	7-14	-14	1-13	3-22	16	3-22	16	4-2	22	4-2	22	5-21	32	10-19	30	10-22	28	10-31	23	11-3	18	12-7	10	280	226	212	203	151
FORDS FERRY DAM 50	105	7-14	2	1-13	1-16	15	3-4	20	3-15	24	4-1	27	4-1	27	10-30	31	11-2	22	11-2	22	None	None	None	-	-	232	215	212	212
FRANKFORT LOCK 4	106	7-15	0	1-13+	3-7	15	3-17	20	3-23	21	4-3	27	5-11	32	10-20	32	10-31	24	10-31	24	12-7	20	12-6	15	276	265	222	211	162
GLASGOW WKAY	103	9-5	-2	1-13	1-13	2	3-16	19	3-21	23	4-1	26	5-4	32	10-30	26	10-30	26	10-31	24	11-3	18	None	-	232	224	212	179	179
GOLDEN POND 6 N	107	9-5	0	1-13	2-6	15	3-17	18	4-1	21	4-2	27	5-10	32	10-20	32	10-30	25	11-2	22	11-3	17	None	-	231	215	211	163	163
GRAYSON	105	7-14	-10	1-13	3-6	15	3-22	17	4-2	23	4-2	23	5-6	32	10-6	31	10-20	28	11-3	17	11-3	17	12-7	8	276	226	215	201	155
GREENSBURG	105	9-6	-5	1-13	2-12	16	3-16	20	3-22	22	4-2	25	5-10	32	10-20	32	10-31	25	11-3	21	11-30	20	12-7	16	298	259	226	212	163
GREENVILLE 2 W	103	7-14+	1	1-13	1-17	14	3-8	20	4-1	22	4-1	22	5-4	31	10-21	30	10-30	25	11-2	17	11-2	17	None	-	241	215	212	170	170
HEIDELBERG LOCK 14	101	7-14	-11	1-12	3-22	15	3-22	15	4-2	23	4-2	23	5-10	30	10-19	31	10-31	21	10-31	21	11-30	16	12-7	14	260	253	212	212	162
HENDERSON 4 SW	104	8-5	1	1-13	1-17	13	3-6	20	3-21	24	4-1	26	4-1	26	10-30	26	10-30	26	11-2	23	None	None	None	-	-	226	212	212	212
BICKMAN 1 E	105	8-16+	2	1-13	1-23	16	3-15	20	4-1	24	4-1	24	4-2	30	10-20	30	10-21	26	11-2	24	11-3	19	None	-	233	215	203	201	161
HINDMAN SETTLEMENT SCH	103	9-6	-9	1-13	3-22	14	3-22	14	4-2	22	5-10	26	5-22	31	10-6	32	10-22	26	10-31	20	10-31	20	11-3	15	226	223	212	165	139
HOPKINSVILLE	108	6-17	3	1-13	1-17	15	2-13	19	3-17	24	4-1	27	5-4	31	10-30	24	10-30	24	10-30	24	11-2	19	None	-	282	227	212	176	176
INEZ	102	7-14	-10	1-13	3-22	16	3-22	16	4-2	23	4-2	23	5-10	32	-	-	-	-	-	-	11-4	20	12-7	6	260	227	-	-	-
IRVINGTON	108	9-5	-3	1-13	2-12	14	3-16	20	4-1	24	4-1	24	5-4	31	10-30	26	10-30	26	11-2	19	11-2	19	None	-	231	215	212	179	179
LEITCHFIELD	103	7-14+	3	1-13	3-6	16	3-6	16	3-21	24	4-1	26	4-2	30	10-30	26	10-30	26	11-2	16	11-2	19	None	-	241	226	212	211	211
LEXINGTON WB AIRPORT	103	7-14+	-3	1-12	3-6	16	3-6	16	3-21	22	4-1	27	5-4	32	10-30	26	10-30	26	10-31	24	12-6	20	12-7	16	276	275	244	212	179
LONDON CAA AP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12-6	14	-	-	-	-	-
LOUISVILLE WB AP	105	7-14	2	1-12+	1-17	16	3-6	20	3-6	20	4-1	26	4-2	29	10-30	30	10-31	26	11-2	24	12-22	20	None	-	291	241	213	211	211
LOUISVILLE WB CITY	104	7-14	6	1-12	1-17	14	3-6	20	3-6	20	3-21	26	4-1	31	11-2	26	11-2	26	12-7	23	None	None	None	-	-	276	228	215	215
LOVELACEVILLE	104	6-16+	0	1-13	1-17	14	3-16	20	4-1	23	4-1	23	5-4	32	10-21	32	11-2	26	11-2	23	11-3	16	None	-	232	215	214	170	170
MADISONVILLE 1 SE	105	6-5	-1	1-13	1-17	16	3-6	20	4-1	23	4-2	26	4-2	28	10-21	32	11-2	26	11-2	21	11-30	20	None	-	269	215	213	202	202
MAMMOTH CAVE PARK	106	6-5	-5	1-13	2-12	13	3-22	19	4-1	24	5-4	26	5-21	32	10-20	30	10-30	26	10-31	24	11-3	16	None	-	226	213	179	152	152
MARCHESTER 4 SE	103	9-5	-7	1-13	3-7	15	3-22	16	4-2	24	4-2	24	5-10	30	10-19	30	10-22	26	10-31	21	11-3	11	11-3	11	241	226	212	203	162
MAYFIELD 2 S	105	6-5	5	1-13	1-17	13	3-4	19	3-16	24	4-1	27	4-2	31	10-30	26	10-30	26	11-2	22	11-3	19	None	-	244	231	212	211	211
MAYSVILLE DAM 33	104	7-15	-2	1-13	3-6	16	3-23	20	4-1	23	4-2	25	5-22	32	10-20	32	11-2	26	11-30	22	12-7	12	12-7	12	276	259	243	213	151
MIDDLESBORO	104	9-5	4	1-13	3-7	15	3-22	17	3-22	17	4-2	25	5-10	31	10-16	31	10-31	22	10-31	22	11-3	17	12-7	14	275	226	223	212	162
MOUNT STERLING	106	7-14	-2	1-13	3-6	16																							



# STATION INDEX

 KENTUCKY  
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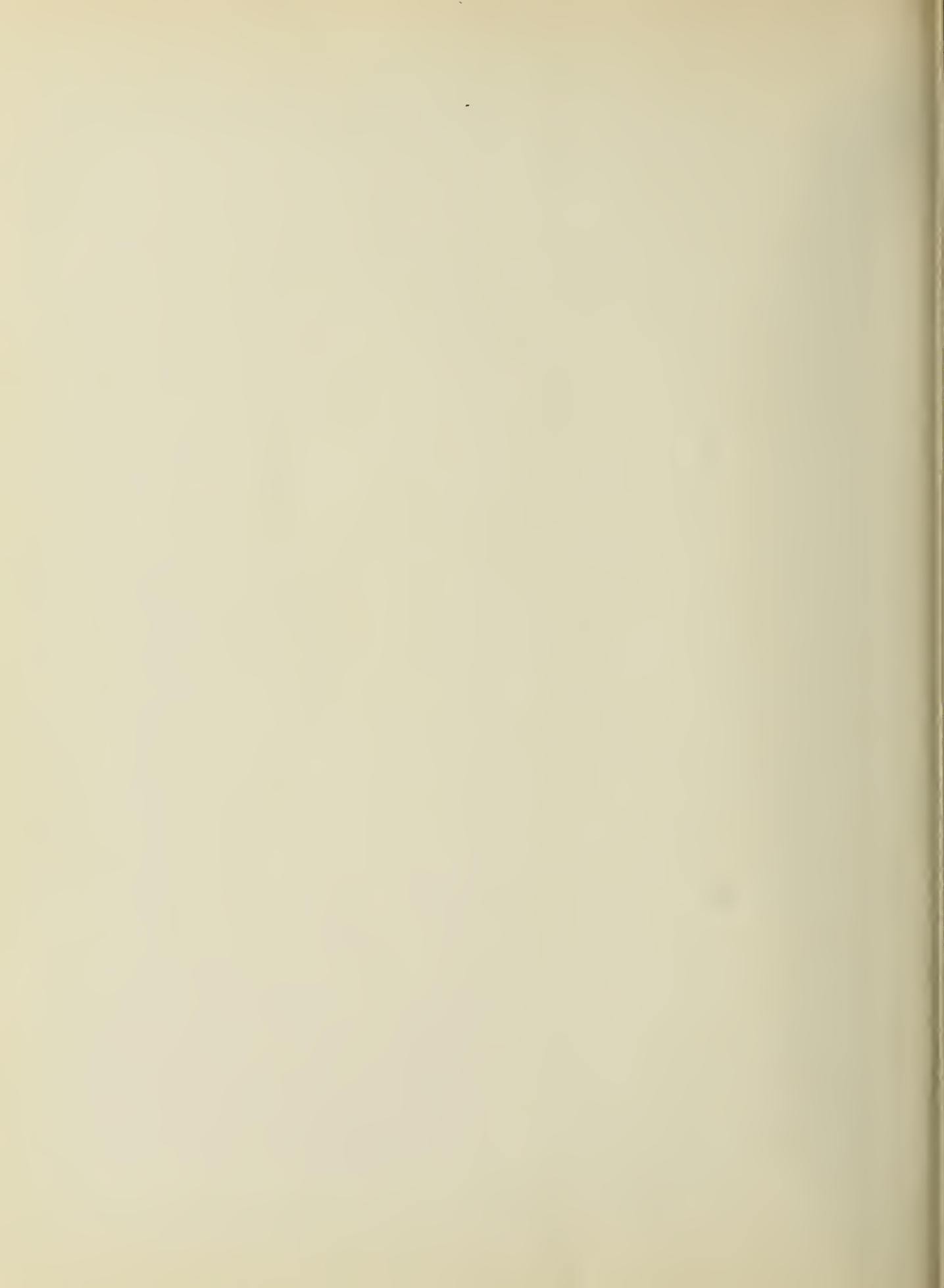
Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record				Refer to tables	
							Temp.	Precip.	Evap.	Month opened	Month closed	
ADDISON DAM 43	0031	BRECKINRIDGE	7 37 35	86 34	380	27						2 C
ADDIUMS 1 N	0043	ALLEN	3 26 41	86 05	600	15						2 C
ALBANY	0063	CLINTON	3 26 41	83 08	940	4						2
ALLEN	0095	FLOYD	1 37 35	82 43	650	15						2
ANCHORAGE	0155	JEFFERSON	7 38 16	85 33	700	54	57					1 2 3
ASHCAM	0246	PIKE	1 37 16	82 26	1100	13						2
ASHLAND DAM 29	0254	BOYO	7 38 27	82 36	551	41	42					1 2 3
BARBOURVILLE	0381	KNOX	2 36 52	83 39	1000	3	9					1 2 3
BARTON	0397	NELSON	8 37 48	85 28	637	5	3					1 2 3
BAXTER	0430	HARLAN	2 36 31	83 20	1164	3	14					1 2 3
BEAVER DAM	0490	OHIO	3 37 25	86 32	441	27						1 2 3
BENHAM	0513	HARLAN	2 36 58	82 37	1380	9	9					1 2 3
BENTON	0611	MARSHALL	9 36 51	88 20	393	4						1 2 3
BEEBA COLLEGE	0619	MADISON	4 37 34	84 18	1070	53	33					1 2 3
BEEBA WATER WORKS	0624	MADISON	4 37 33	84 13	1010	8						1 2 3
BOWLING GREEN	0904	WARREN	3 37 00	86 26	336	30						2
BOWLING GREEN SUBSTATION	0907	WARREN	3 37 01	86 26	470	12						2
BOWLING GREEN CAA AIRPORT	0909	WARREN	3 36 58	86 26	353	73	73					1 2 3
BOWLING GREEN WATER WORKS	0914	WARREN	3 37 00	86 26	505	5						2 C
BRENT DAM 36	0978	CAMPBELL	7 59 03	84 23	497	30						2
BROWNVILLE LOCK 6	1046	EDMONSON	3 37 12	86 16	410	30						2
BURKIN 2 NE	1120	PIKE	1 37 13	82 35	1643	3						2 C
BURKSVILLE	1137	CUMBERLAND	2 36 47	83 22	600	4						2 C
CADIZ LOCK E	1206	TRIGG	2 36 46	87 58	24	—						1 2 3
CAMPBELLVILLE	1236	TAYLOR	3 37 20	83 21	777	10	10					1 2 3
CARROLLTON LOCK 1	1343	CARROLL	4 38 41	83 11	480	4	51					1 2 3
CENTRAL CITY	1439	MUHLBERG	8 37 17	87 07	435	4						1 2 3
CLERMONT 1 SSE	1611	BULLITT	8 37 33	83 40	474	4						1 2 3
CLINTON	1631	HICKMAN	8 37 33	83 40	474	4						1 2 3
COLLEGE HILL LOCK 11	1704	ESTILL	4 37 47	84 06	611	46						2
COLUMBIA	1722	ADAIR	3 37 06	85 18	729	13						1 2 3
CORBIN CAA AIRPORT	1801	WHITLEY	2 36 38	84 08	1173	11	11					1 2 3
CORBIN CAA AIRPORT	1833	BOONE	2 36 04	84 00	869	8	8					1 2 3
CUMBERLAND FALLS ST PARK	1969	WHITLEY	2 36 50	84 19	1070	7						2
CYNTHIANA	1978	HARRISON	3 38 23	84 18	684	1	38					2
CYNTHIANA 2 SW	2003	HARRISON	5 38 23	84 17	739	4						1 2 3
DAVID	2040	BOYLE	4 37 39	84 46	933	4						1 2 3
DAVELLA	2033	MARTIN	1 37 48	82 32	718	22	46					2 C
DELPHIA 1 E	2132	PERRY	4 37 02	83 07	1647	15						2
DEMA	2139	KNOTT	1 37 23	82 48	830	15						2
DEWEY DAM	2180	FLOYD	1 37 45	82 47	633	2	4					1 2 3
DIX DAM 17	2214	MERCER	4 37 39	84 06	917	4						1 2 3
DUNDEE BARRETT'S FORD 8R	2358	DHID	3 37 33	86 43	450	14						2 C
DUNMORE	2366	MUHLBERG	3 37 05	87 00	610	15						2
DUNVILLE	2374	CASEY	3 37 13	84 58	—	—						2
DYER	2391	BRECKINRIDGE	3 37 03	86 13	795	—						2 C
EDDYVILLE LOCK F	2445	LYON	2 57 43	86 05	420	—						2 C
EDMONTON	2469	METCALFE	3 37 00	85 37	705	12						2
ELKHORN CITY	2526	PIKE	1 37 18	82 21	800	4						2
FALMOUTH	2775	PENDELTON	5 38 40	84 20	560	49	50					1 2 5
FARMERS	2791	ROMAN	3 38 09	85 53	668	49	50					1 2 5
FLEMINGSBURG	2903	FLEMING	5 38 25	83 43	870	31						2
FLEMINGSBURG 2	2908	FLEMING	5 38 25	83 43	830	31						2
FORD LOCK 10	2953	MADISON	4 37 54	84 16	660	41						2
FORDS FERRY DAM 50	2961	CRITTENDEN	7 37 28	88 06	556	8	27					1 2 3
FRANKLIN LOCK 4	3026	FRANKLIN	4 38 14	84 52	504	71	75					1 2 3
FRANKLIN WATER WORKS	3028	SIMPSON	5 56 43	86 54	691	—						2 C
FREEBURN	3040	PIKE	1 37 38	82 08	737	4						2
FRENCHBURG	3052	METCALFE	5 37 57	85 39	930	5						2
GEDDOWNS WATER WORKS	3194	SCOTT	4 38 12	84 33	880	13						2 C
GEST LOCK 3	3203	HENRY	4 38 25	84 53	490	46						2
GLASGOW	3241	BARREN	3 37 00	85 53	780	20	26					2
GLASGOW WKAY	3246	BARREN	3 37 00	85 53	808	2	2					1 2 3
GLENDAL	3252	HARDIN	3 37 36	85 35	700	4						2
GOLDEN POND 8 N	3295	TRIGG	2 36 54	88 00	393	2						1 2 3
GRANT DAM 38	3356	BOONE	7 38 59	84 50	503	30						2
GRAYSON	3391	CARTER	7 38 19	82 57	589	4	23					1 2 3
GREENSBURG	3430	GREEN	5 57 15	85 30	630	62	68					1 2 3
GREENSBURG HWAY 61 BR	3435	GREEN	5 57 15	85 30	580	5						1 2 3
GREENUP DAM 30	3443	GREENUP	7 38 57	82 51	538	36						2
GREENVILLE 2 W	3451	MUHLBERG	3 37 12	87 12	519	59	39					1 2 3
HALEYS MILL	3539	CHRISTIAN	5 37 03	87 20	740							2
HARTFORD 6 NW	3652	DHID	3 37 52	86 54	429	17						2 C
HARZARD	3709	PERRY	4 37 15	83 12	869							2
HARZARD WATER WORKS	3714	PERRY	4 37 15	83 11	840	3						2
HEIDELBERG LOCK 14	3741	LEE	4 37 33	83 46	663	22	40					1 2 3
HENDERSON 4 SW	3762	HENDERSON	7 37 47	87 37	382	33	41					1 2 5
HENDERSON	3798	CHRISTIAN	2 56 44	87 54	512							1 2 5
HICKMAN 1 E	3816	FULTON	6 56 34	89 10		5	5					2 C
HICKSVILLE	3821	GRAVES	9 36 48	88 30	440	8						2
HIGH BRIDGE LOCK 7	3837	JESSAMINE	4 37 49	84 43	544	55						2
HINDMAN SETTLEMENT SCHOL	3899	KNOTT	4 37 20	82 59	1080	7	7					1 2 3
HODGENVILLE NAT PARK	3929	LARUE	3 37 32	85 44	788							2 C
HOPKINSVILLE	3994	CHRISTIAN	2 36 51	87 50	540	59	59					1 2 3
HYDEN	4093	LESLIE	4 37 10	83 22	850	15						2
INEZ	4134	MARTIN	1 37 52	82 32	638	4						1 2 3
IRVINGTON	4165	BRECKINRIDGE	3 37 53	86 17	646	58	58					2
JACKSON	4196	BREATHITT	4 37 53	83 23	749	37						2
JEREMIAH	4255	LETCHER	4 57 10	82 56	1150	15						2
KEENE 2 N	4369	JESSAMINE	4 37 58	84 58	590	14						2
KENTUCKY DAM	4414	LIVINGSTON	9 37 01	88 16	362	17						2
LANCASTER	4620	GARRARD	4 37 37	84 35	1032	30						2
LAURA	4642	MARTIN	1 37 43	82 26	—	15						2
LEITCHFIELD	4708	GRAYSON	3 37 27	86 48	660	60						1 2 3
LEXINGTON WB AIRPORT	4746	FAYETTE	4 38 02	84 36	979	73	76					1 2 3
LIBERTY	4753	CASEY	3 37 21	84 55	762	14						2 C
LITTLE HICKMAN LOCK 8	4823	JESSAMINE	4 37 43	84 33	360	45						2 C
LOCKPORT LOCK 2	4857	HENRY	4 38 26	84 58	483	45						2 C
LOCKPORT LOCK 1 S	4892	CLARK	4 37 51	84 02	—	—						2
LONDON 3 SW	4893	LAUREL	2 37 06	84 08	1217							1 2 3
LONDON CAA AP	4898	LAUREL	2 37 03	84 05	1191	1	1					1 2 3
LOUISA	4943	LAWRENCE	1 38 07	82 37	384							2
LOUISA 2	4946	LAWRENCE	1 38 07	82 37	600							2
LOUISVILLE BOWMAN FIELD	4951	JEFFERSON	7 38 13	85 40	338							1 2 3
LOUISVILLE WB AP	4954	JEFFERSON	7 38 11	85 44	474	21	21					2 C
LOUISVILLE UPPER GAGE	4955	JEFFERSON	7 38 17	85 48	403	—						2
LOUISVILLE WB CITY	4936	JEFFERSON	7 38 13	83 46	337	81	82					1 2 3
LOVELACEVILLE	4967	BALLARD	6 36 30	86 50	370	27	29					1 2 3
LUCAS	5002	BARREN	3 36 35	86 02	738							1 2 5
LUDLOW	5003	HOPKINS	3 36 35	86 29	433	8	8					1 2 5
MAMMOTH CAVE PARK	5097	EDMONSON	3 37 11	86 06	800	20	20					2
MANCHESTER 4 SE	5111	CLAY	4 37 06	83 43	830	4	4					1 2 3
MAYFIELD SUBSTATION	3230	GRAVES	6 36 44	88 39	364	4	12					1 2 5
MAYFIELD 2 S	3232	GRAVES	6 36 42	88 38	364	41	42					1 2 5
MAYSVILLE DAM 53	3233	JEFFERSON	7 38 38	83 42	513	39	38					1 2 5
MC KEE	3231	JACKSON	2 37 26	84 00	1000	4						2
MC KINNEYSBURG	3301	PENDELTON	3 38 36	84 16	634							1 2 3
MIDDLESBORO	3389	BELL	2 36 37	83 43	1130	38	63					1 2 3
MIDDLEBORO SEWAGE PLANT	3394	BELL	2 36 38	83 43	1130							2 C
MIDWAY	3407	WODDFORD	4 38 09	84 41	—	13						2
MILLERSBURG	3410	BOURBON	3 38 18	84 09	—							2
MILLERSBURG	3438	GRAYSON	3 37 27	86 03	588	14						2
MILLERSBURG	3524	WAYNE	2 36 30	84 30	960	18						2
MOREHEAD STATE COLLEGE	3											















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